

MISSION ENERGY, LLC

January 26, 1998

Mr. Wayne Fisher
Fisher Consulting
8002 W. County Rd. 24H
Loveland, CO 80538

Re: Mission Energy LLC inter company locations

To Whom It Concerns:

Please be advised that Mission Energy as holder of the effected offset lease, does not object and hereby grants consent to Mission Energy for the proposed exception locations.

Including the following:

South Ridge Federal #29-11, NESW/4 Sec. 29, T12S, R15E

Upper Cabin State #16-15, SWSE/4 Sec. 16, T12S, R15E

Flat Top State #36-06, SENW/4 Sec. 36, T12S, R15E

Iron Mesa Federal #19-14, SESW/4 Sec. 19, T12S, R16E

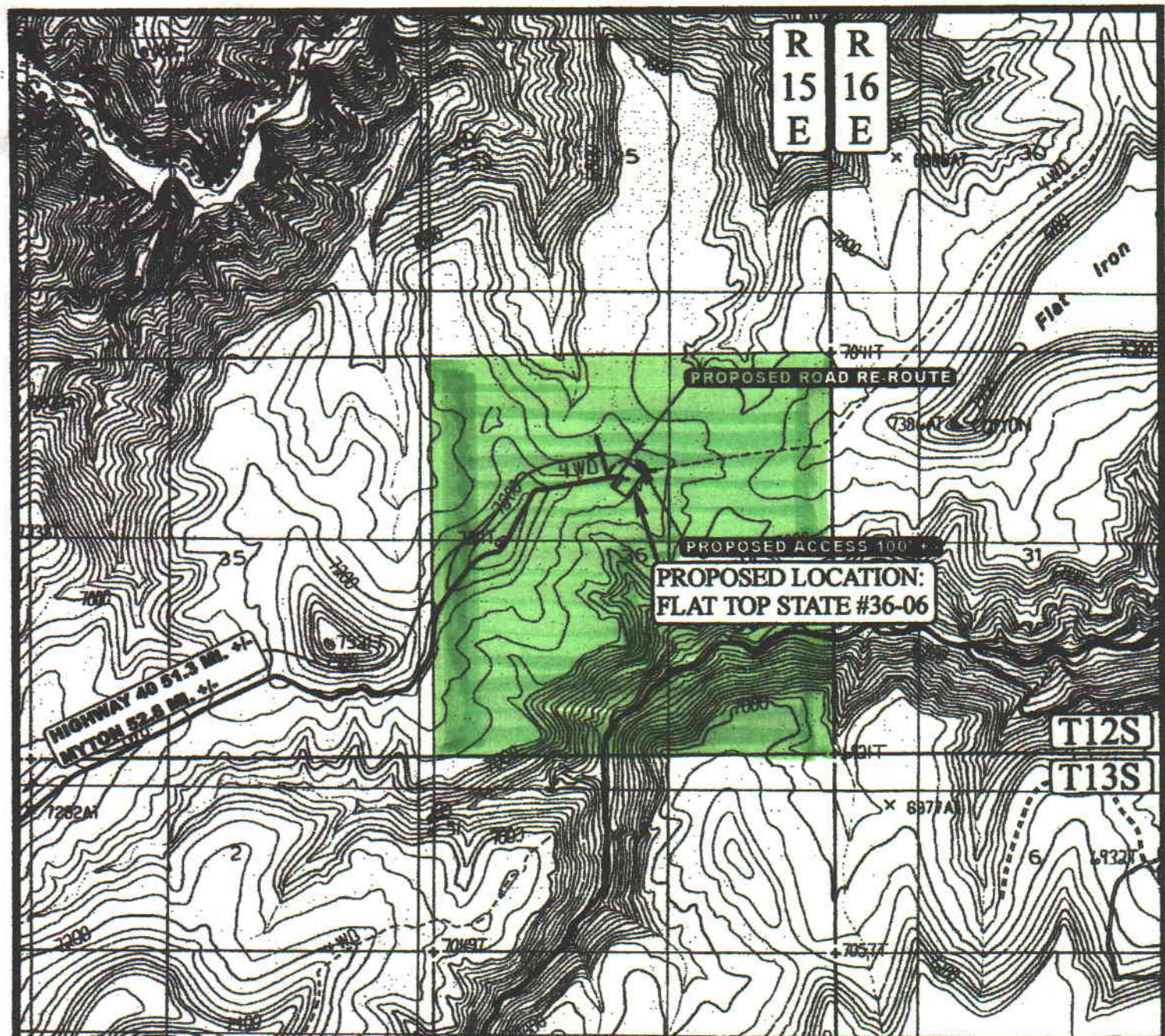
Plateau Federal #30-02, NWNE/4 Sec. 30, T12S, R15E

Regards,


J. Wayne Fisher
Agent for Mission Energy LLC

Jerry Begerson
Mission Energy LLC

Flat Top State # 36-06
Location map



UT-ML-46710 lease description: T12S, R15E, Sec. 36: All

012

MISSION ENERGY, LLC

January 25, 1999

Mr. J. Wayne Fisher
Fisher consulting
8002 W CR 24H
Loveland, CO 80538

Dear Mr. Fisher:

Please use this letter as necessary to advise interested parties that you have full authorization to represent Mission Energy LLC in any and all regulatory matters pertaining to drilling permits, rights-of-way, surface owner issues and drilling water acquisition in the counties of Carbon, Duchesne, and Uintah in Utah, and Mesa and Garfield counties in Colorado.

Regards,



Jerry R. Bergeson
Manager of Operations

001

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL ☒ DEEPEN ☐

B. Type of Well: OIL ☐ GAS ☒ OTHER: SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. Name of Operator: Wasatch O&G Corp.

Mission Energy, LLC, 621 17th Street, Suite 2450, Denver CO 80293 (303) 292-9775

3. Address and Telephone Number:

Agent: Fisher Consulting, 8002 W CR 24 H, Loveland, CO 80538. (970) 669-8217

4. Location of Well (Footages) 604 791

At Surface: 1653' FNL, 2595 FWL, SE/NW Sec.36, T12S, R15E

At Proposed Producing Zone: Same

14. Distance in miles and direction from nearest town or post office:

52.8 miles S/SW from Myton, Utah

15. Distance to nearest

property or lease line (feet): 1653'

18. Distance to nearest well, drilling,

completed, or applied for, on this lease (feet): N/A

21. Elevations (show whether DR, RT, GR, etc.):

Graded level 7114.8

16. Number of acres in lease:

640

19. Proposed Depth:

6800

17. Number of acres assigned to this well:

80

20. Rotary or cable tools:

Rotary

22. Approximate date work will start:

July, 1999

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J-55, 8-58"	24#	500'	370 sxs. Class G
7-7/8"	J-55, 5-1/2"	15.5#	6800'	704 sxs. 50/50 Poz. Class G

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Wasatch Mission Energy, LLC. proposes to drill, test and complete the Flat Top State #36-06 as a vertical well in the Wasatch formation.

If dry, the well will be plugged and abandoned as per State DOGM requirements.

Please reference the accompanying Drilling Program.

BLM rights of way will be required for this well, see attachments.

No known lease stipulations affect this proposed location.

Operations for this well will be conducted under Statewide Surety Bond () applied for.

There is no spacing in this area. Wells can be drilled within a 400 foot square around the center of a 40 acre block.

This well will be an exception location, see attachments.

Please consider all submittals pertaining to this well "Company Confidential".

If additional information is required, please contact the undersigned at Ph. No. (970) 669-8217, Fax (970) 635-9337.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Name & Signature:

Title: Agent

Date:

February 1, 1999

(This space for State use only)

Permit No.

43-007-30528

Approval Date:

Approved By:

Title:

Date:

Conditions of approval, if any:

Approved by the
Utah Division of
Oil, Gas and Mining

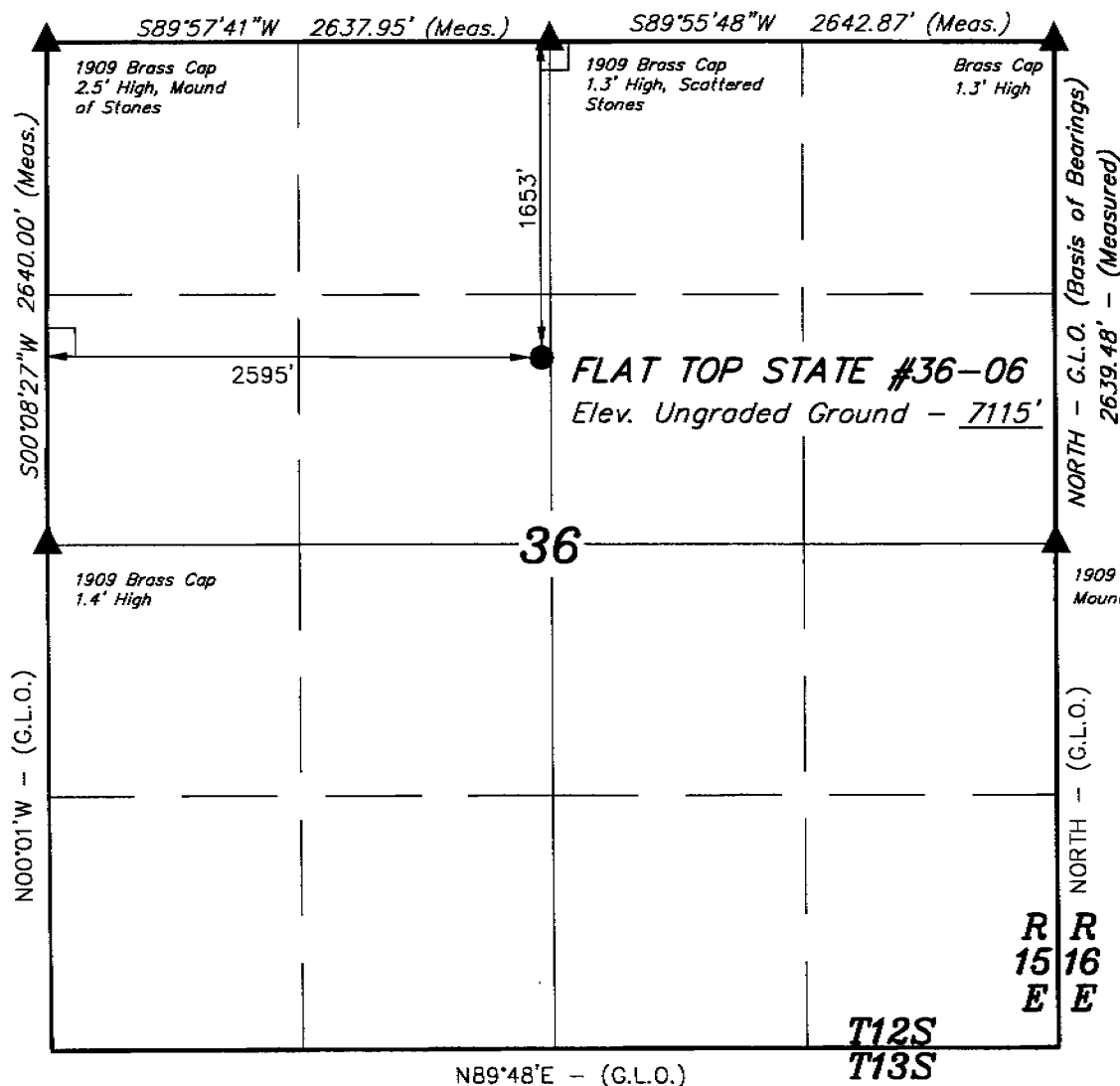
Date: 10-15-01

By:

T12S, R15E, S.L.B.&M.

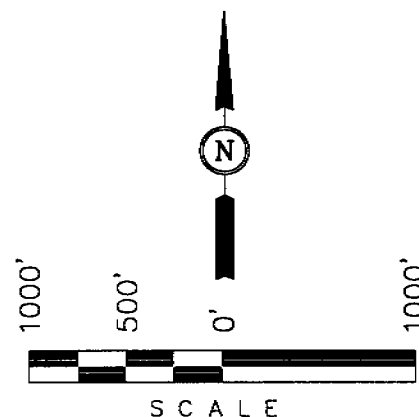
MISSION ENERGY, L.L.C.

Well Location, FLAT TOP STATE #36-06, located as shown in SE 1/4 NW 1/4 of Section 36, T12S, R15E, S.L.B.&M. Carbon County, Utah.



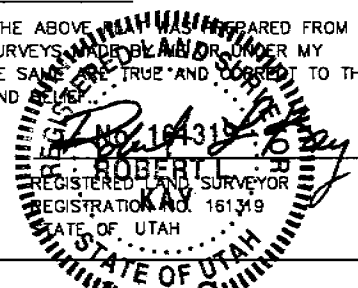
BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE SW 1/4 OF SECTION 30, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6986 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-08-98	DATE DRAWN: 11-11-98
PARTY D.A. C.T. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE MISSION ENERGY, L.L.C.	

Confidential

**Flat Top State # 36-06
1653' FNL AND 2595' FEL
SE/NW Sec. 36, T12S – R15E
Carbon County, UT**

Prepared For:

MISSION ENERGY, LLC.

By:

**FISHER CONSULTING
8002 WCR 24 H
Loveland CO 80538
970-669-8217**

Copies Sent To:

- 3 - Utah Division Oil, Gas & Mining – SLC, UT**
- 1 - Utah Division Oil, Gas & Mining – Roosevelt, UT**
- 3 - Mission Energy LLC – Denver, CO**
- 2 - Wayne Fisher – Loveland, CO**

CONTENTS

- 1. Statement and Authorization**
- 2. Permit Application**
- 3. Drilling Program**
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- 7. Attachments**

1999 Plan of Operations

Stone Cabin/Jacks Canyon/Peters Point Areas

Mission Energy, LLC

Mission Energy has approximately 13,200 acres of federal and state land under lease on the south side of Nine Mile Canyon in the Stone Cabin, Jacks Canyon and Peters Point areas (see attached map). Our plan is to conduct an exploration program during the summer of 1999 to help determine the commercial viability of producing natural gas in this area. We are permitting five wells on federal lands and three on state lands. The actual number of wells drilled will be determined first by the results of a technical evaluation that is currently under way and secondly by success when actual drilling operations begin.

Weather, road conditions, and equipment availability will determine the actual commencement date but it is expected to occur in late May or early June of 1999. If this start date is met, and Sego Resources drills a similar number of wells to Mission, drilling should be finished and equipment released by late September or early October.

Sego Resources is in the process of permitting a similar number of wells in the area south of Nine Mile Canyon. Our plan is to work as closely as possible with them to use equipment and personnel in the most efficient manner possible. By doing so, we believe the overall impact of the operations; both visually and from a surface impact, will be minimized. Any statements made relative to Sego Resources activity are based on the best information Mission Energy has at this time and are certainly subject to change for a variety of reasons.

The current plan is to begin drilling in the Flat Top area just west of Cottonwood Canyon. Sego Resources is permitting two wells (both federal) in this area and Mission Energy expects to permit three wells (one federal and two state). Access for the drilling rig and personnel will most likely be via Gate Canyon to Nine Mile Canyon to Cottonwood Creek and then to the Flat Top area. Minimal upgrades to existing roads will be necessary to access the drilling locations. In order to minimize vehicular traffic during drilling operations, we propose to place a small earthen dam on Cottonwood Creek and pump water from the creek up the hill to the drilling locations. This water will be used for drilling and cementing and possibly for domestic use.

After drilling the Flat Top wells, probably in late July or early August, the rig will be moved west to drill locations above Prickly Pear Canyon. The most likely route for moving the drilling rig is down Cottonwood Canyon to Nine Mile Canyon and up Harmon Canyon to the proposed locations. It is possible the rig move will be completed in two days but it will more likely take three days.

During the spring of 1999, Sego Resources/Mission Energy will jointly assess any problem areas on the Harmon Canyon road such as slope failure and drainage problems. Once the assessment is completed, Sego/Mission will obtain the concurrence of the Price District of the BLM that the proposed work is acceptable to them.

Mission Energy will permit five wells (four federal and one state) in this area. It is expected that Sego Resources will also permit five wells (four federal and one state) in this area. As in the Cottonwood area, the actual number of wells drilled here will be dependent on the results of the technical evaluation that is currently underway and the actual results of drilling. Under any circumstances, Mission and Sego will attempt to minimize vehicular traffic and personnel changes by coordinating their activity.

At the present time sources of drilling water are being evaluated. If it can be shown that the existing well with the inoperative windmill (sec. 13-T12S-R14E?) can provide sufficient water, we will use that as a source well. If that is not successful, the alternative options will be to 1) build a sufficiently large earthen dam and catch snow melt, 2) pump water up the hill from Nine Mile Creek, or 3) drill a water well on top of the hill.

For additional information, contact one of the following:

Mission Energy, LLC, Jerry Bergeson, (303) 292-9775

Fisher Consulting, J. Wayne Fisher, (970) 669-8217

Mission Energy, LLC
Flat Top State #36-06
SE/NW SEC. 36, T12S, R15E
Carbon County, Utah

CONFIDENTIAL – TIGHT HOLE

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Measured Depth</u>	<u>Subsea Depth</u>
Ground Level	7114.8' graded	
Green River	Surface	+7115'
Wasatch	2756'	+4359'
North Horn	4566'	+2549'
Mesa Verde	6266' to T.D.	+849'

2. Estimated Depths of Anticipated Water, Oil Gas or Minerals:

<u>Mineral</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Gas/Condensate	Wasatch	2756'	+4359'
Gas/Condensate	North Horn	4566'	+2549'
Gas/Condensate	Mesa Verde	6266'	+849'

Fresh water Fresh water aquifers will be protected with surface casing set at 500'. All potentially productive usable water, hydrocarbons, and other mineral zones will be protected with casing and cement.

3. Proposed Casing Program:

8-5/8", J-55, 24.0# ST&C set at 500' KB (new) – centralizers will be used on the bottom three joints.

5-1/2", J-55, 15.5# LT&C set at 6800' (TD) (new) – centralizers will be used across the pay zone.

4. Minimum specifications for Pressure Control:

- A. The BOP and related equipment will meet or exceed the requirements of a 3M-psi system as set forth in Onshore Order No. 2.
- B. The BOP and related well control equipment will be pressure tested to rated pressure or 70% of internal yield of surface casing (2065 psi) when initially installed and whenever any seal subject to pressure test is broken.
- C. Pipe and blind rams will be functioned each trip, (max. once/day) annular preventers weekly.

5. Mud System: The following is meant as a guide only. Actual mud weights will be determined by hole conditions. Sufficient quantities of mud materials will be maintained or readily accessible for assuring well control.

<u>Interval</u>	<u>Mud Weight PPG</u>	<u>Viscosity SEC</u>	<u>Fluid Loss CC</u>	<u>Remarks</u>
0 – 500'	8.4 – 8.9	27 - 60	No control	Fresh water native mud w/high viscosity sweeps
500 – 2500'	8.4 – 8.9	27 – 45	10 –12	Fresh water native mud w/high viscosity sweeps
2500' – T.D.	8.4 – 8.9	32 – 40	6 – 8	PHPA polymer

6. Testing, Logging, and Coring Program

Cores-DST's: None anticipated at this time.

Surveys: Deviation surveys will be taken at 250' and TD of surface pipe (+/- 500'). Maximum deviation of 2 deg. at casing point and no more than 1 deg. change between surveys. Deviation surveys to be taken at 500' intervals from surface casing to TD with a maximum deviation of 8 deg. and no more than 2 deg. between consecutive surveys.

Mud Logger: From 500' to TD. Sample frequency to be determined.

Logging: Resistivity, GR
Neutron/Density, Cal

TD to surface casing shoe
TD to 1900'

7. Cementing Program

Surface Pipe: Will be cemented with 370 sacks of Class "G" with 2% CaAl, with 44.5% water and 1/4# per sack cello flake (yield approximately 1.17 cu-ft per sack). Total quantity is 100% excess based on 8-5/8" casing in a 12-1/4" hole. In the event cement does not circulate to surface or fall back of the cement column occurs, a top out cement job will be done to bring cement back to surface.

Production String: Estimated volume is 704 sacks of 50:50 POZ "G" with 2.0% bentonite plus additives (yield is approximately 1.25 cu-ft per sack). Volume is based on 20% excess over quantity required for 4100 ft. of fill with 5-1/2" casing in a 7-7/8" hole. (6800' to 2700' est. top = 4100' fill). Actual volumes will be determined from the caliper log.

8. Abnormal Conditions/Expected BHP

No abnormal pressures are anticipated in the Tertiary Green River or Wasatch formations. As such, bottom hole pressures are expected to be less than 2600 PSI. There has been no indication of H2S in any wells drilled in the area.

9. Other Information

Jim Thompson at (801) 538-5336 is to be notified prior to initiating any of the following operations, in addition contact the Roosevelt District DOGM Office, (435) 722-3417.

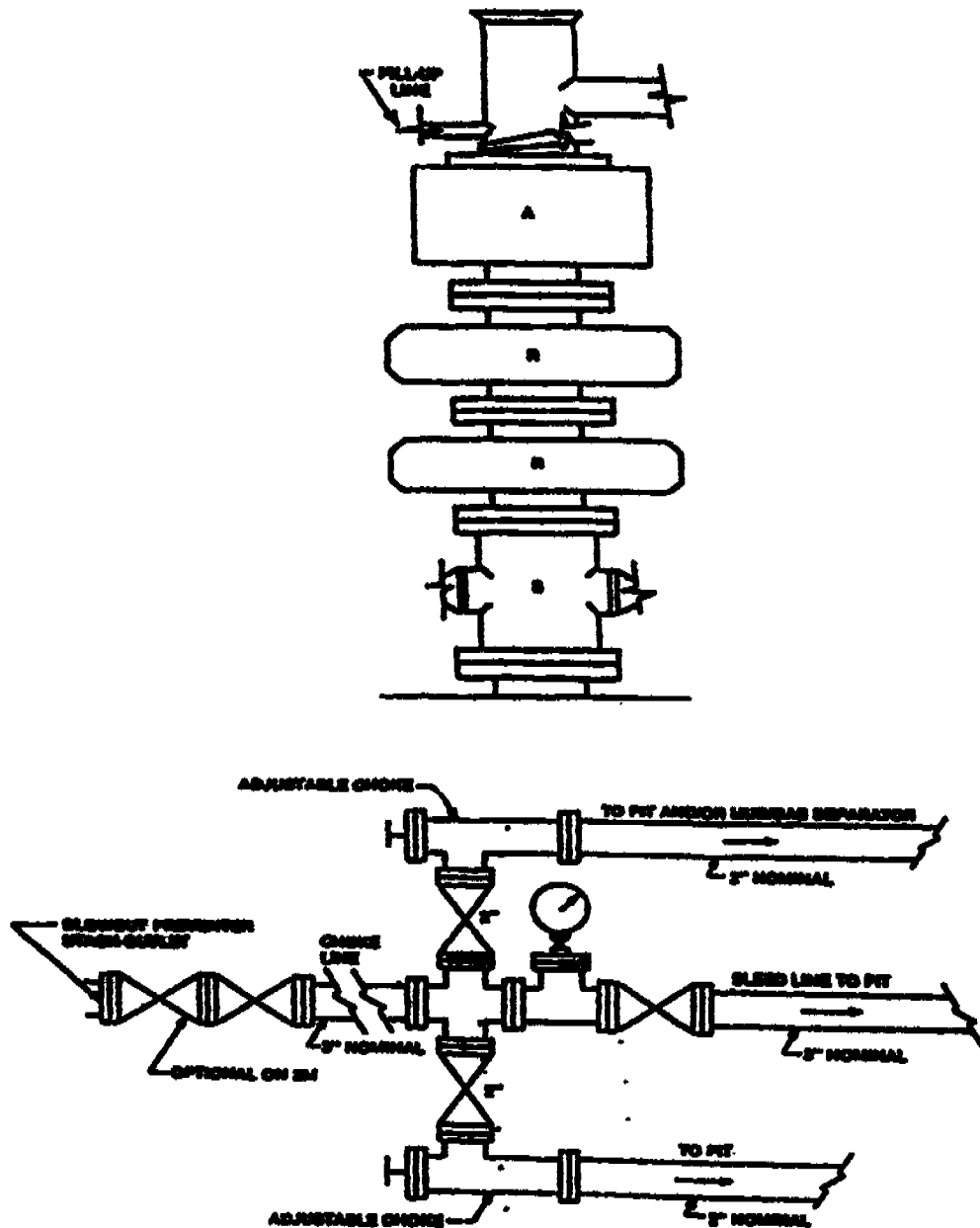
- 48 hours prior to construction of location and access roads
- prior to moving the drilling rig on location
- at least 24 hours prior to spudding the well
- at least 24 hours prior to running casing and cementing all casing strings
- 24 hours prior to initiating pressure tests on BOP equipment

Should it be necessary to make after-hours notification, one of the following individuals will be contacted.

- Dennis Ingram (435) 722-2696 home, (435) 722-7584 cell

Mission Energy, LLC.

Typical 3000 # BOP and CHOKE MANIFOLD



Mission Energy, LLC
Flat Top State #36-06
SE/NW SEC. 36, T12S, R15E
Carbon County, Utah

CONFIDENTIAL – TIGHT HOLE

SURFACE USE PLAN

1. Existing Roads

See attached "topo A" and "topo B".

2. Planned Access Roads

The planned access roads are either county maintained or under BLM jurisdiction. No new road will be required, (approximately 200' of original road will be re-aligned around this location to clear known archeological sites). The planned upgrades (3.1 miles major, 4.9 miles minor) will have a running surface of 18 feet and a maximum disturbed width of 30 feet. Because of the type of upgrades this road will require and flat terrain there will be no additional turnouts, gates, cattleguards added, cuts, fills and grade concerns will be minimal. BLM rights of way will be required.

3. Location of Existing Wells

There are no known wells within a one-mile radius of the proposed location.

4. Location of Existing and Proposed Facilities

There are no existing facilities on the site.

If the well is completed as a producer, a request for approval of subsequent operations will be made for production equipment and flowlines.

All permanent structures built or installed on the site will be painted per permit stipulations.

5. Location and Type of Water Supply

Water will be purchased from a private water source (irrigation water that is covered by permit No. 90-642). A transfer of water rights permit has been filed for and will be forwarded to the Price BLM and Utah Division of Oil, Gas & Mining. If this water is not available at the time the well is to be drilled, additional water may be obtained from the Price River Water District. The Division of Water Resources does not require a permit to use Price River Water District water.

6. Source of Construction Materials

See attached *Location Layout*. All materials for construction will be obtained on-site.

7. Methods for Handling Waste Disposal

All drill cuttings will be contained and buried in the reserve pit shown on the *Location Layout*. The pit will be unlined unless it is determined during construction that leakage from the pit is likely. If it is determined a liner is necessary, it will be a 12-mil plastic/nylon material underlain by sufficient bedding to protect the liner from tearing. No trash or material that might puncture the liner will be disposed of in the pit.

All drilling fluids including salts and chemicals will be contained in the reserve pit. After completion of the well, drilling fluids will be either moved to the next location for use or left in the pit until sufficient evaporation has occurred to backfill the pit. If it appears the evaporation process will take longer than nine months, the drilling fluid will be hauled to an approved disposal facility.

A portable toilet will be furnished for on-site personnel. A trash basket will be provided on location for garbage and other waste material. At the end of drilling operations. The trash basket will be hauled to an approved disposal site. Trash will not be burned on location.

No hazardous materials in an amount greater than 10,000 pounds will be used, stored, produced, transported, or disposed of annually in association with the drilling, testing, or completion of the well. In addition extremely hazardous substances as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of this well.

After the first production, produced water will be confined to the reserve pit for a period not to exceed ninety days. During the ninety-day-period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Authorized Officer's approval.

8. Ancillary Facilities

- A. Camp facilities located on site will be used for rig crew drilling personnel. Trailers for the rig toolpusher and drilling superintendent will also be required.
- B. All sewage and wastewater from this location will be hauled to an approved disposal source by a contracted vendor. This vendor to be established at a later date. All necessary permits will be submitted to the County Health Dept. by the same above-mentioned vendor.

9. Well Site Layout

See the attached *Location Layout* for the location of all equipment and Cross Section for the projected cut and fills necessary on the location.

The reserve pit will be fenced according to current standards to prevent wildlife entry.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

10. Plan for Restoration of Surface

A. *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit will be removed in accordance with 43 CFR 2162.7-1.

If a plastic nylon liner is used, it will be torn and perforated before back filling the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed with 120 days from the date of well completion, weather permitting. Before any dirt work begins on the pit, all fluids will be removed.

B. *Dry Hole/Abandoned Location*

At such time as the well is plugged and abandoned, Mission will submit a subsequent report of abandonment and the State DOGM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Road: BLM lands and State Lands
Location: STATE land

12. Other Additional Information

- A. Mission Energy, LLC is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological material is uncovered during construction, Mission will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Grand River Institute has previously submitted a *Summary Report of Inspection for Cultural Resources* to the State DOGM office. *In the original inspection there were findings of cultural resources. This site was re-positioned to avoid those resources.*
- B. Mission Energy, LLC will control noxious weeds along the right-of-way for roads, pipelines, well sites, and other applicable facilities.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal or State lands after the conclusion of drilling operations or at any other time without BLM or DOGM authorization.
- D. Item 9, in the Drilling Program has notification requirements that will be met.

- E. A complete copy of the approved APD will be on location during the construction of location and during drilling activities.
- F. Sundry Notice and Report on Wells (Form 9) will be filed for approval for all changes of plans and other operations.
- G. This permit will be valid for a period of one year from date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period.

13. Lessee's or Operator's Representative and Certification

<u>Company Representative</u>	<u>Agent Representative</u>
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Name:	Jerry Bergeson	J. Wayne Fisher
Address:	621 17 th Street, Suite 2450 Denver, CO 80293	8002 WCR 24 H Loveland, CO 80538
Telephone No.:	(303) 292-9775	(970) 669-8217

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Mission Energy and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 USC 1001 for the filing of a false statement.

February 1, 1999
Date

J. Wayne Fisher
Agent for Mission Energy, LLC

Onsite Date: September 30, 1998

Participants in Joint Inspection

-	Chris Colt, MS	DWR
-	Dennis Ingram	DOGM
-	Wayne Fisher	Mission Energy LLC

J. WAYNE FISHER

*Oilfield Consultant
8002 W CR 24H
Loveland, CO 80538*

February 2, 1999

Mark Mackiewicz
BLM, Price office
125 South 600 West
Price, UT 84501

Re: Mission Energy, LLC.

Dear Mark:

Please find enclosed eight (8) rights of way applications for Mission Energy's Nine Mile Canyon area 1999 drilling program. Maps for the proposed road rights of way are attached to each application. Dean Nyffeler of your office headed up the on-site review group when the location on-sites were performed. All of these proposals follow existing two track roads with very limited amounts of new road additions. Only minor upgrading will be required for the exploration phase of this project excepting the .4 mile section of Harmon Canyon. The road evaluation for Harmon Canyon will be completed in early spring and submitted at the time for review. At the time these wells are determined to be productive additional road improvements may be required as well as a pipeline rights of way running parallel to the various roads.

Sego Resources has or will be submitting seven (7) rights of way applications also. We propose to work with them to limit and control the construction, drilling and completion phases of this exploration program.

If additional information is required, please contact one of the following:
Wayne Fisher @ (970) 669-8217, fax (970) 635-9337 or Jerry Bergeson @ (303) 292-9775, fax (303) 292-9280

Sincerely


J. Wayne Fisher

*Office: (970) 669-8217 / Fax: (970) 635-9337 / Cell: (970) 217-8525
jwfisher@sprynet.com*

APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS

FOR AGENCY USE ONLY

Application Number

Date Filed

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

1. Name and address of applicant (include zip code) Mission Energy, LLC 621 17th Street, Suite 2450 Denver, CO 80293 Jerry Bergeson	2. Name, Title and address of authorized agent if different than Item 1 (include zip code) Fisher Consulting 8002 WCR 24 H Loveland, CO 80538 J. Wayne Fisher	TELEPHONE (area code) Mission, Ph. (303) 292-9775 Fax: (303) 292-9280 Agent, Ph: (970) 669-8217 Fax: (970) 635-9337
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4. As applicant are you (check one)

- a. ☐ Individual
b. ☒ Corporation*
c. ☐ Partnership/Association*
d. ☐ State Government/State Agency
e. ☐ Local Government
f. ☐ Federal Agency

* if checked, complete supplemental page

5. Specify what application is for: (check one)

- a. ☒ New authorization
b. ☐ Renewing existing authorization No.
c. ☐ Amend existing authorization
d. ☐ Assign existing authorization
e. ☐ Existing use for which no authorization has been received*
f. ☐ Federal Agency

* if checked, provide details under Item 7

6. If an individual, or partnership are you a citizen(s) of the United States? ☐ Yes ☐ No N/A

7. Project description (describe in detail): (a) Type of system or facility, (e. g. canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.)

Access road for Mission Energy Well Flat Top State #36-06

A: Road right of way, upgrade existing road to support a new drilling location (14.6 miles of this road will access four locations) and re-route 300' of the old road to avoid an archeological site.

B: Will file an amended right-of-way application to add a pipeline right-of-way if well is commercial.

C. The access will begin at the junction of Nine Mile Canyon Road and Cottonwood Creek Road. Will be required to re-align 300' of original road.

Of the 14.6 miles of effected road 3.1 miles will need extensive repair, 4.9 miles will need minor upgrading plus re-align 300' of original road to support drilling operation with an 18' road bed with maximum of 30' disturbance. Our plan would be to blade and clean up existing road and build the re-alignment to the minimum standards until such time as well would be considered to be productive.

D: Initial exploration and completion phase would last approximately 90 days. If commercial for life of well (+/- 30 years).

E: Drilling and completion operations would take place between May 1 and Nov. 30, with minimal production operations during balance of the year.

F: A pipeline right-of-way would be requested after well is tested and completed as requested by Mark Mackiewicz, BLM office, Price.
(Pipeline route would parallel the road where possible and then drop into Dry Creek to tie-into an existing 3" main line.)

G: Anticipated construction would take place during the months of May or June

H: None anticipated at this time.

8. Attach a map covering area and show location of project proposal: Attached

9. State or Local government approval: ☐ Attached ☐ Applied for ☒ Not required

10. Nonreturnable application fee: ☐ Attached ☒ Not required at this time per Mark Mackiewicz, Price BLM office 11/16/98.

11. Does project cross international boundary or affect international water way? ☐ Yes ☒ No (If yes, indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

To be furnished under separate cover by Mission Energy, LLC.

13a. Describe other reasonable alternative routes and modes considered.

None

b. Why were these alternatives not selected?

N/A

c. Give explanation as to why it is necessary to cross Federal Lands.

Do to the limited access on the top of this mesa there is no other practical access route. There has already been physical disturbance to this area. The additional disturbance our request asks for will be minimal.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name)

Mission Energy is submitting two (Fed.19-14 and State 36-06) Rights of way applications for the this same length of road so as to access two proposed locations in this area. Mission currently holds a permit for rights of way for the first 6.4 miles of this route. Sego has or will file two rights of way applications to use this same road to access there two proposed locations (Fed. 30-07 and Fed. 31-04).

15. Provide statement of need for project, including the economic feasibility and items such as (a) cost of proposal (construction, operation, and maintenance; (b) estimated cost of next best alternative; and (e) expected public benefits.

Access to new drilling location: A: Estimated total cost of upgrade = \$7500.00 which will be split by Mission and Sego between there four proposed wells that this road will access, Mission Fed.19-14 = \$2750, St.36-06 = \$1250, Sego Fed.30-07 = \$2250, Fed.31-04 = \$1250. B: N/A C: N/A

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

This area does not have any private lands in the immediate area. Impacts to the area will be minimal as there is very limited recreation usage.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

A: N/A B: Limited, as this access route is mostly on rolling terrain with one step grade (+/- .4 mile) with rock/shale base and limited visibility from surrounding area. C: N/A D: N/A, there are no streams that this route will effect. E: N/A, only temporary increase in noise during drilling and completion operations. F: Limited, due to the mostly level terrain and the short distance of re-aligned road (300') required.

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plant, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

A. Limited, there are no known fish, marine life, threatened or endangered species present. Due to the fact that all but 300' of this road already exists the proposed upgrading will have minimal effect on plant or wildlife. B. This project will not change the land use status as far as hunting and other recreational uses are concerned.

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability act of 1980, as amended, 42 U.S.A. 9601 et seq., and its regulations. The definition of hazardous substances under CHERVIL includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RHEA), as amended, 42 U.S.A. 9601 et seq., and its regulations. The term hazardous material also includes any nuclear or by-product material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.A. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CHERVIL Section 101(14)m 42 U.S.A. 9601 (14), nor does the term include natural gas.

N/A

20 Name of al the Department(s)/Agency(ies) where this application is being filed.

BUREAU OF LAND MANAGEMENT, PRICE DISTRICT OFFICE

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the inform information information submitted is correct to the best of my knowledge.

Signature of Applicant:

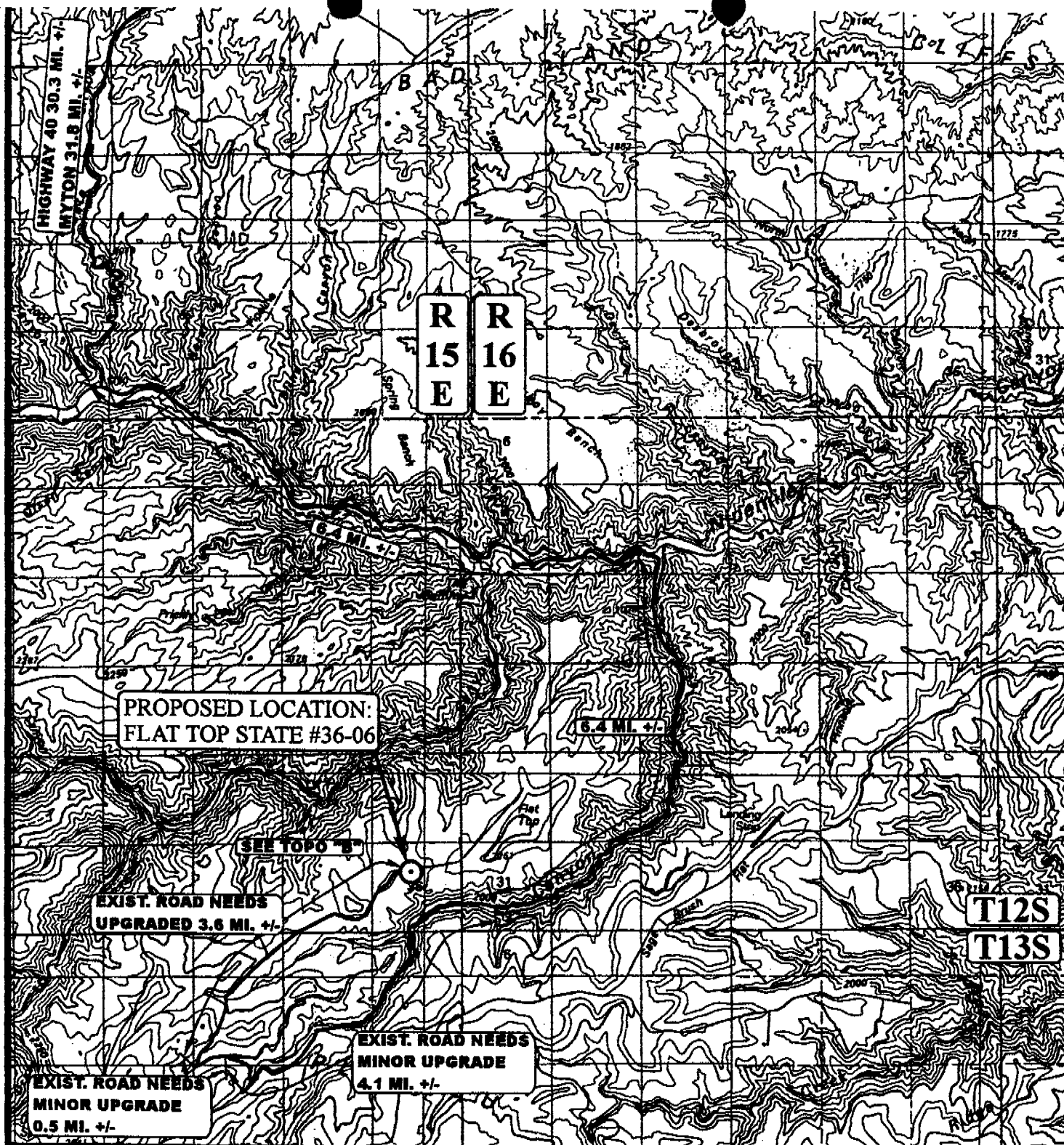
Agent for Mission Energy LLC

Date:

February 1, 1999



Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statement or representations as to any matter within its jurisdiction.



LEGEND:

⊙ PROPOSED LOCATION

N

MISSION ENERGY, L.L.C.

FLAT TOP STATE #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1653' FNL 2595' FWL

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S

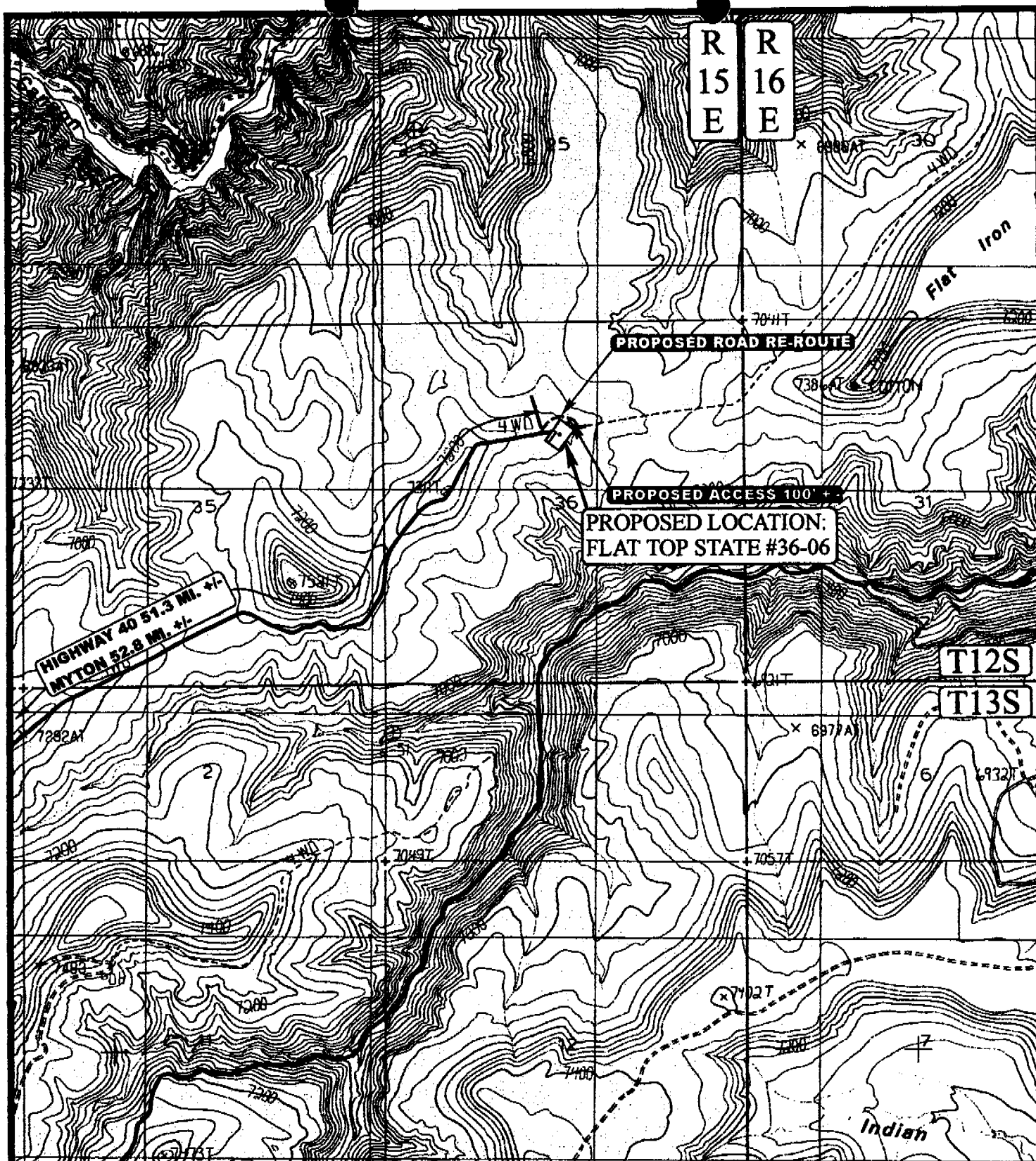
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 5 98
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00

A
TOPO



LEGEND:

----- PROPOSED ACCESS ROAD
 _____ EXISTING ROAD

MISSION ENERGY, L.L.C.

FLAT TOP STATE #36-06
 SECTION 36, T12S, R15E, S.L.B.&M.
 1653' FNL 2595' FWL



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 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

11 4 98
 MONTH DAY YEAR

B

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

J. WAYNE FISHER

*Oilfield Consultant
8002 W CR 24H
Loveland, CO 80538*

February 1, 1999

Utah Division of Oil, Gas and Mining
Attn: Lisha Cordova
P O Box 145801
Salt Lake City, Utah 84114-5801

Re: Exception Location, Flat Top State #36-06

Dear Ms. Cordova

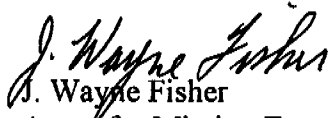
This letter is to request an exception location for the proposed well Flat Top State #36-06 and confirm that Mission Energy is the only lease holder within a 460' radius of this proposed well.

The reason this well is located at the current location is due to major archeological issues. At the joint onsite inspection with the Utah DOGM team and Grand River Institute arch study team it was elected to move this location to minimize impacts to known archeological sites in the area. The selected site is the best location which still allows Mission to evaluate the northern half of this lease and still address this issue.

Enclosed are a map and a lease description showing the boundaries of adjoining leases. The effected lease is Mission UT-ML-46710.

Thank you for your attention to this matter. If additional information is needed, please contact me at (970) 669-8217 or by fax at (970) 635-9337.

Sincerely,


J. Wayne Fisher
Agent for Mission Energy

Office: (970) 669-8217 / Fax: (970) 635-9337 / Cell: (970) 217-8525
jwfisher@sprynet.com

MISSION ENERGY, LLC

January 26, 1998

Mr. Wayne Fisher
Fisher Consulting
8002 W. County Rd. 24H
Loveland, CO 80538

Re: Mission Energy LLC inter company locations


To Whom It Concerns:

Please be advised that Mission Energy as holder of the effected offset lease, does not object and hereby grants consent to Mission Energy for the proposed exception locations.

Including the following:

South Ridge Federal #29-11, NESW/4 Sec. 29, T12S, R15E
Upper Cabin State #16-15, SWSE/4 Sec. 16, T12S, R15E
Flat Top State #36-06, SENW/4 Sec. 36, T12S, R15E
Iron Mesa Federal #19-14, SESW/4 Sec. 19, T12S, R16E
Plateau Federal #30-02, NWNE/4 Sec. 30, T12S, R15E

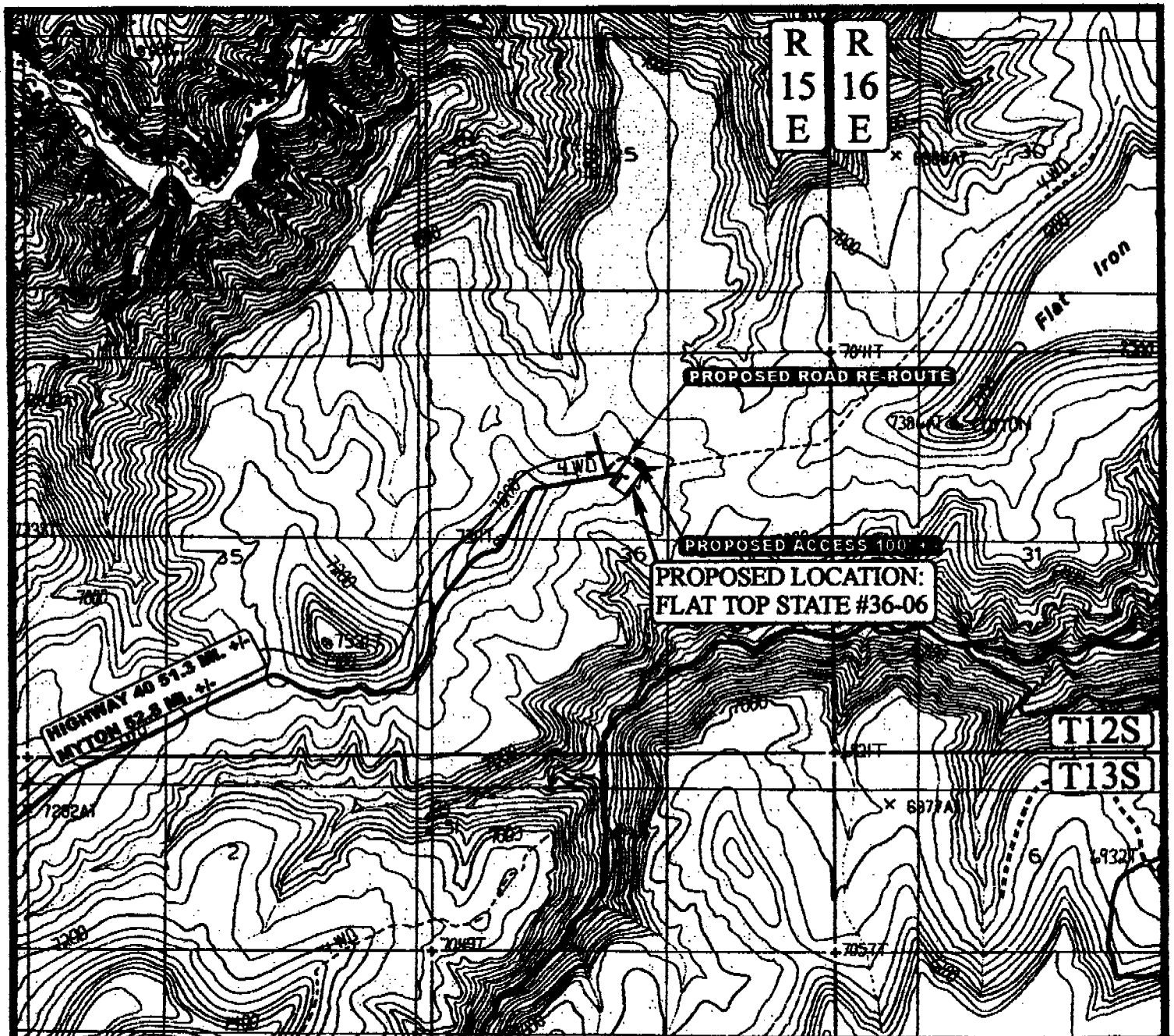
Regards,


J. Wayne Fisher
Agent for Mission Energy LLC

Jerry Begerson
Mission Energy LLC

621 17th Street • Suite 2450 • Denver, CO 80293
Ph. (303) 292-9775 • Fax: (303) 292-9280

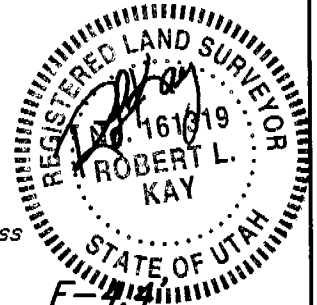
Flat Top State # 36-06
Location map



MISSION ENERGY, L.L.C.

LOCATION LAYOUT FOR

FLAT TOP STATE #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1653' FNL 2595' FWL



SCALE: 1" = 50'
DATE: 11-11-98
Drawn By: D.R.B.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

NOTE:
Pit Capacity W/2' of Freeboard is ±9,330 Bbls.

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

El. 24.0'
C-17.2'
(btm. pit)

10' WIDE BENCH

160'

75'

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El. 25.8'
C-19.0'
(btm. pit)

FLARE PIT

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El. 15.3'

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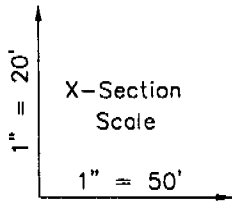
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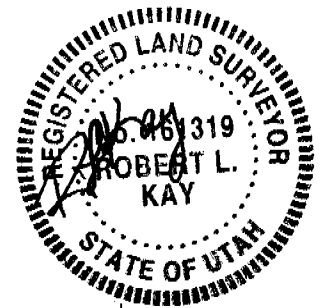
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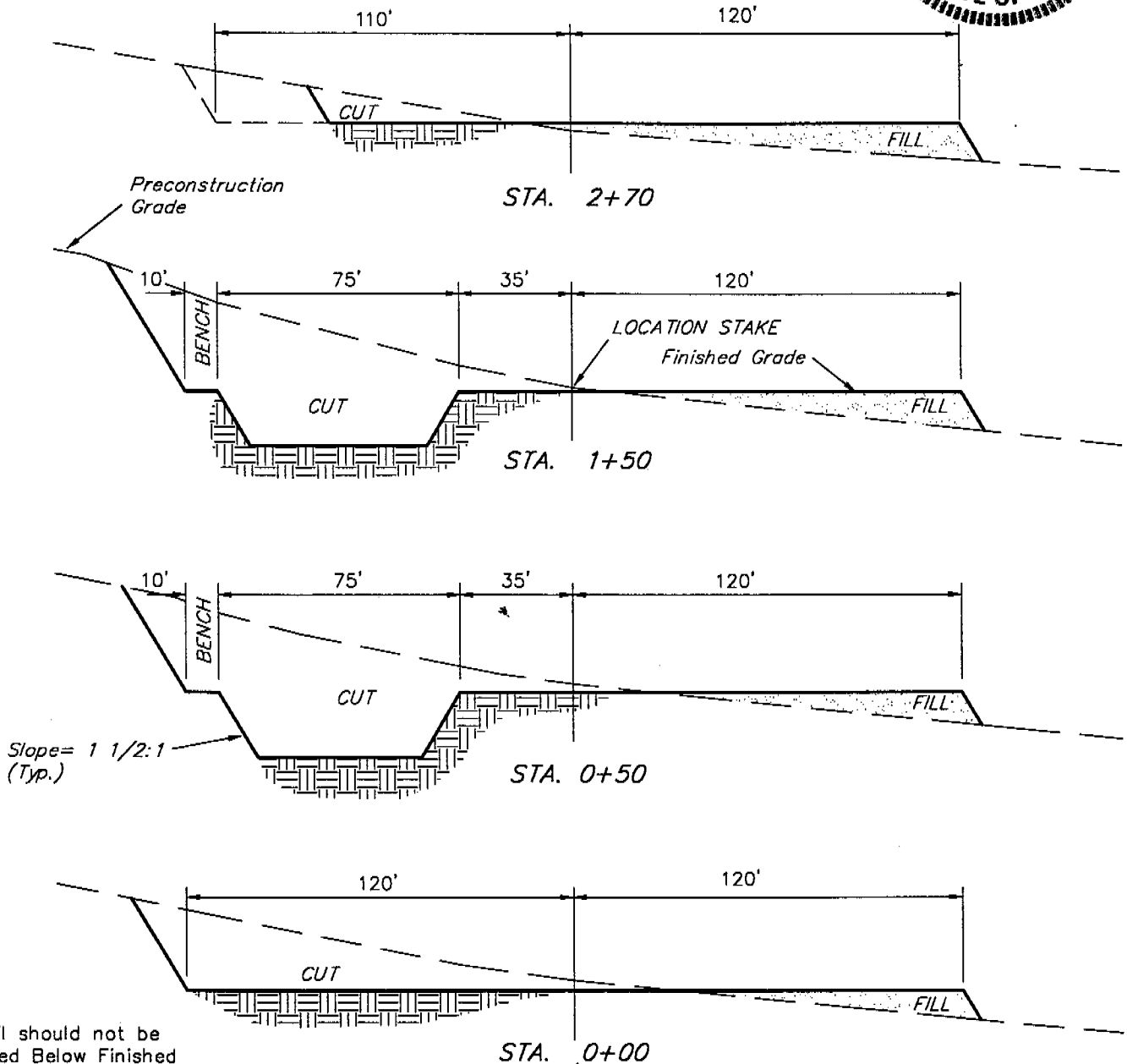
10'



MISSION ENERGY, L.L.C.
TYPICAL CROSS SECTIONS FOR
FLAT TOP STATE #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1653' FNL 2595' FWL



DATE: 11-11-98
Drawn By: D.R.B.



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,150 Cu. Yds.
Remaining Location = 8,940 Cu. Yds.
TOTAL CUT = 10,090 CU.YDS.
FILL = 3,210 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 6,710 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 2,540 Cu. Yds.
EXCESS UNBALANCE = 4,170 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION

N

MISSION ENERGY, L.L.C.

FLAT TOP STATE #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1653' FNL 2595' FWL

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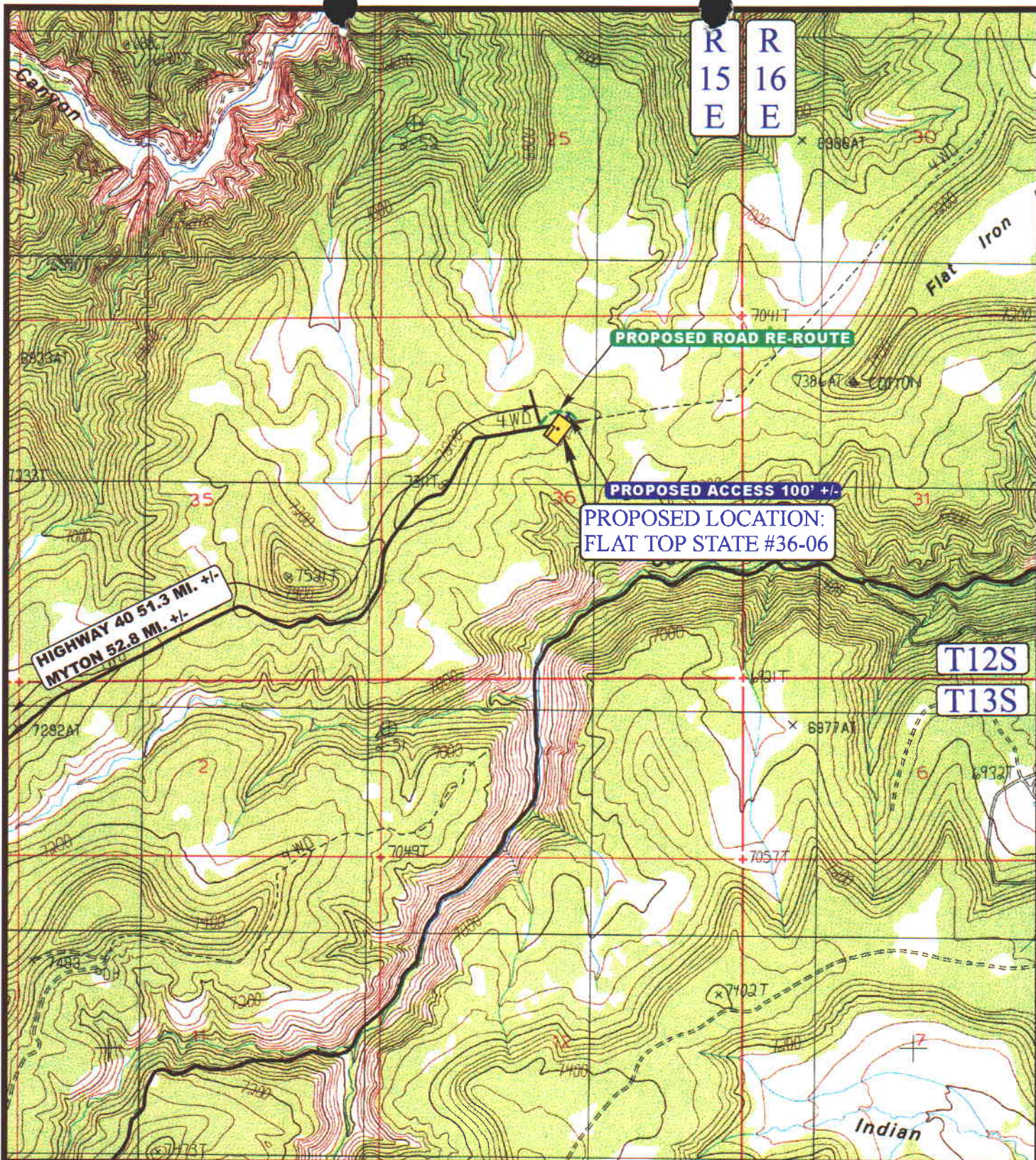
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 5 98
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00

A
TOPO



LEGEND:

--- PROPOSED ACCESS ROAD
 --- EXISTING ROAD

MISSION ENERGY, L.L.C.

FLAT TOP STATE #36-06
 SECTION 36, T12S, R15E, S.L.B.&M.
 1653' FNL 2595' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
 MAP

11 4 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/03/1999

API NO. ASSIGNED: 43-007-30528

WELL NAME: PRICKLY PEAR U ST 36-06OPERATOR: BILL BARRETT CORP (N2165)CONTACT: DEBBIE STANBERRYPHONE NUMBER: 303-312-8120

PROPOSED LOCATION:

SENW 36 120S 150E

SURFACE: 1807-FNL 2144-FWL

BOTTOM: 1807-FNL 2144-FWL

CARBON

WILDCAT (1)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-467100

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCS

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	4/22/03
Geology		
Surface		

LATITUDE: 39.73251

LONGITUDE: 110.18676

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[] Ind[] Sta[3] Fee[]
 (No. LPM4138146 OK)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
 (No. 90-642)

☒ RDCC Review (Y/N)
 (Date:)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3.

Unit PRICKLY PEAR

☒ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☐ Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____

☐ R649-3-11. Directional Drill

COMMENTS:

Needs 2nd Permit (Recd 4-7-03)

STIPULATIONS:

1- Spacing Strip
2- Statement of basis



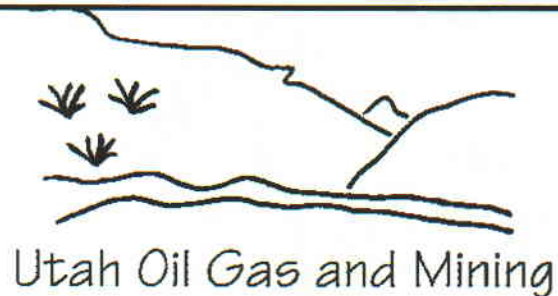
OPERATOR: BILL BARRET CORP (N2115)

SEC. 36 T12S, R15E

FIELD: *Underground* (002)

COUNTY: CARBON

SPACING: R649-3-2 / GENERAL SITING



WELLS

- ✓ GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

UNIT STATUS

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON
DATE: 21-MARCH-2003

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: Bill Barrett Corporation
WELL NAME & NUMBER: Prickly Pear Unit State 36-06
API NUMBER: 43-007-30528
LOCATION: 1/4, 1/4 SE/NW Sec: 36 TWP: 12S RNG: 15E 1807 FNL 2144 FWL

Geology/Ground Water:

The base of the moderately saline water is at approximately 2,000 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates no water wells within a 10,000 foot radius of the center of Section 36. The proposed casing and cement program should adequately protect any useable ground water.

Reviewer: Brad Hill **Date:** 04-09-2003

Surface:

This well has already been permitted and approved with Mission Energy ; however, Barrett requested the surface location be moved 154 feet south and 451 feet west of original site. An onsite review was done with Barrett and the Utah Division of Wildlife Resources to address any new concerns regarding construction of said well. Ed Bonner with SITLA was notified and invited to the onsite meeting and was not able to attend. Tony Wright with UDWR requested that Barrett not drill or have any high use (major workovers) between November 1 and April 15 because of high value winter range. The reserve pit was uphill and in cut but has underlying sandstone with sharp, jagged cliffs on both north and south (Dry Canyon and Cottonwood Canyon). A 12 mil liner is probably a good idea because of available water and adjacent canyons. Location surface appears stable and a good choice for available surface. The location surface was covered by Pinion/Juniper and sloped to the south/southeast. Each location corner was walked to and no construction problems were noted. Barrett was told they need to send in Arch reviews to the division as well as to SITLA.

Reviewer: Dennis L. Ingram **Date:** 04-07-2003

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.









UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, APR 9, 2003, 9:21 AM
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE CT CORNER,
SECTION 36 TOWNSHIP 12S RANGE 15E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

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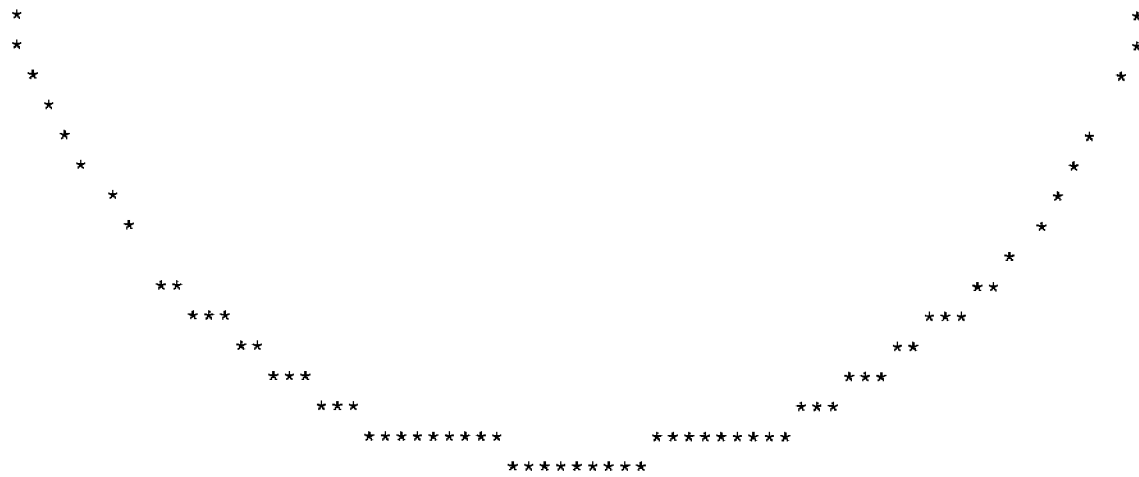
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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/03/1999

API NO. ASSIGNED: 43-007-30528

WELL NAME: FLAT TOP ST 36-06

OPERATOR: WASATCH OIL & GAS CORP (N4520)

CONTACT: HEGGIE WILSON, AGENT

PHONE NUMBER: 801-451-9200

PROPOSED LOCATION:

SENW 36 120S 150E

SURFACE: 1653-FNL 2595-FWL

BOTTOM: 1653-FNL 2595-FWL

CARBON

WILDCAT (1)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-46710 **Wasatch eff. 3-21-01.*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>RJK</i>	<i>3-1-99</i>
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[3] Fee[]
 (No. *PLB0003816 eff. 10/10/01.*)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5 (B) or 190-3
☒ Water Permit
 (No. 90-642)
☒ RDCC Review (Y/N)
 (Date: 03/03/1999 *Comments Due.*)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit _____
 R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
 Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 R649-3-11. Directional Drill

COMMENTS:

Presite 10-28-98
** Conf. reg removed per Wasatch.*

STIPULATIONS:

1-Spacing Slip.
Statement of Basis



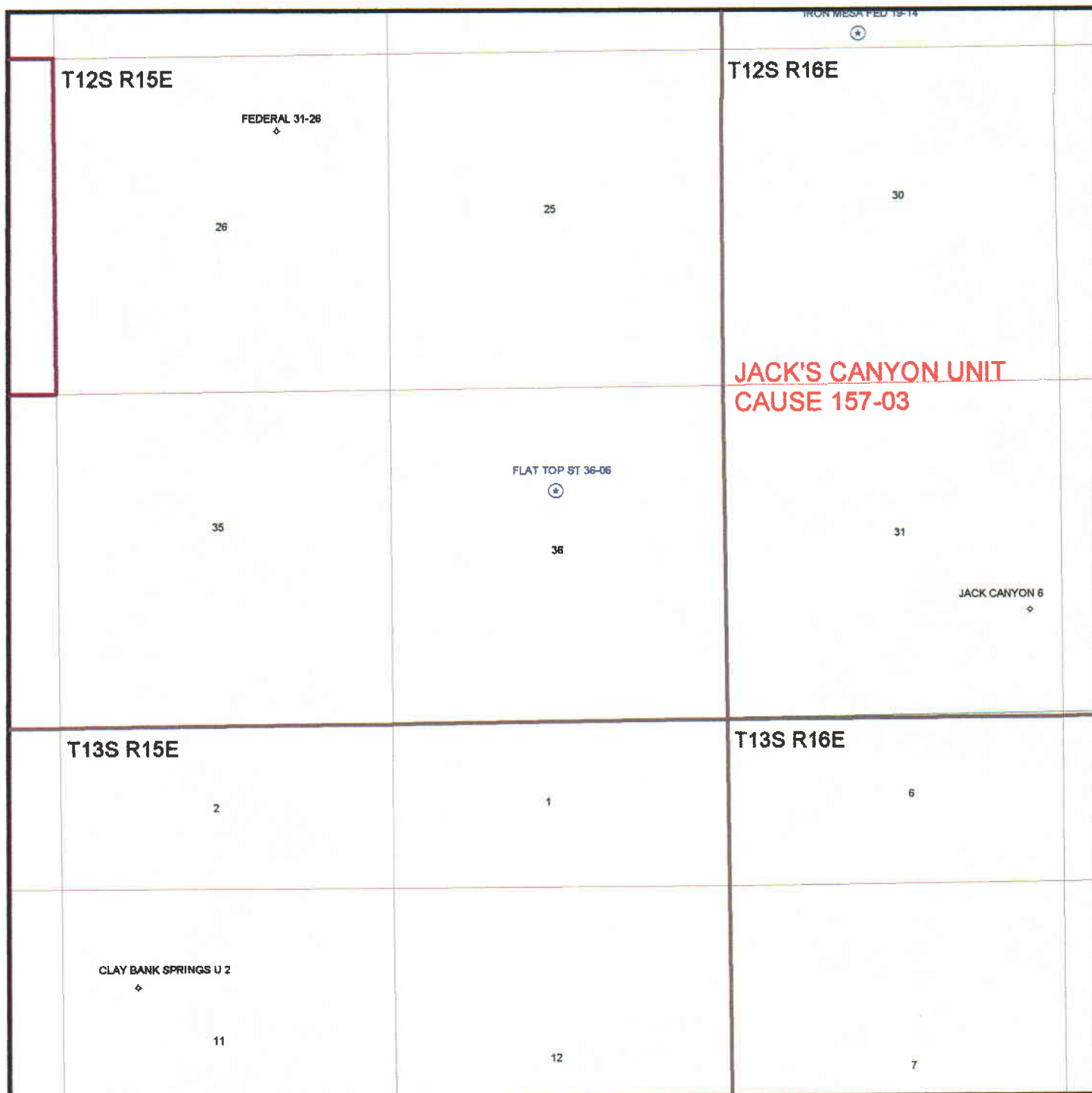
Utah Oil Gas and Mining

OPERATOR: WASATCH O&G CORP (N4520)

SEC. 36, T12S, R15E

FIELD: WILDCAT (001)

COUNTY: CARBON SPACING: R649-3-3/EX LOC



PREPARED BY: LCORDOVA
DATE: 26-APRIL-2001

Well name:

Mission Flat Top State #36-06Operator: **Mission Energy, LLC**String type: **Surface**

Project ID:

43-007-30528

Location: **Carbon Co.****Design parameters:****Collapse**Mud weight: 9.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 375 ft

Cement top: 4 ft

BurstMax anticipated surface
pressure: -3,038 psi
Internal gradient: 6.545 psi/ft
Calculated BHP 234 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)Tension is based on buoyed weight.
Neutral point: 432 ft

Non-directional string.

Re subsequent strings:Next setting depth: 7,500 ft
Next mud weight: 9.000 ppg
Next setting BHP: 3,506 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 7,500 ft
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	500	8.625	24.00	J-55	ST&C	500	500	7.972	2573
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	234	1370	5.86	234	2950	12.62	10.4	244	23.52 J

Prepared RJK
by: State of Utah

FAX:

Date: March 1, 1999
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 500 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

Mission Flat Top State #36-06Operator: **Mission Energy, LLC**String type: **Production**

Project ID:

43-007-30528

Location: **Carbon Co.****Design parameters:****Collapse**Mud weight: 9.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 170 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 375 ft

Cement top: 3,683 ft

BurstMax anticipated surface
pressure: 0 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 3,179 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,874 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6800	5.5	15.50	J-55	LT&C	6800	6800	4.825	24010
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3179	4040	1.27	3179	4810	1.51	91	217	2.38 J

Prepared RJK
by: State of Utah

FAX:

Date: March 1, 1999
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

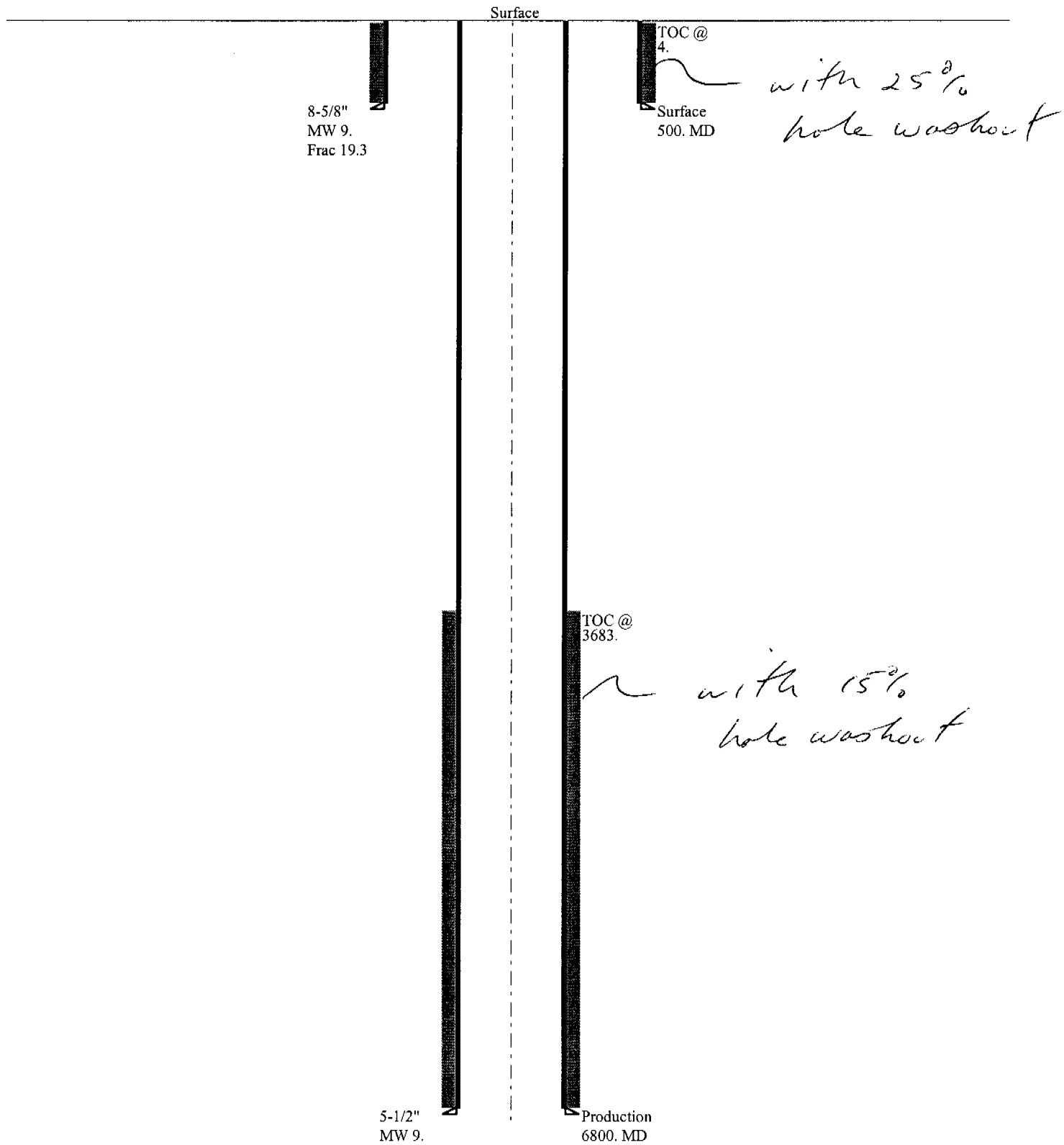
Collapse is based on a vertical depth of 6800 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Mission Flat Top State #36-06

Casing Schematic



DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: MISSION ENERGY
Name & Number: FLAT TOP STATE #36-06
API Number: 43 -007-30528
Location: 1/4,1/4 SE/NW Sec. 36 T. 12S R. 15E

Geology/Ground Water:

The base of the moderately saline water is at approximately 2000 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the Green River Formation and fresh water can be expected to be found in the upper portion of the Green River Formation. There are no known water wells in the immediate area. All points of diversion which are filed with Water Rights are surface diversions. The proposed casing and cement program should adequately protect surface and ground-water.

Reviewer: Brad Hill
Date: 3/1/99

Surface:

A presite investigation of the surface was done by the Roosevelt Oil, Gas & Mining Field Office on 10/28/98. SITLA was notified of this onsite and elected not to attend. The Southeastern office for Wildlife Resources was invited and attended the onsite. Their biologist requested photos of surface and stated that this location is a good choice because of low forage value; he also stated the natural cover of the pinion/juniper helped hide proposed location and equipment. No special requests on drilling from DWR. Upgrades to access roads into location are primarily on BLM roads. Operator was told to have BLM out for onsite regarding access, as they were not present during said onsite for well. An arch crew was on location as onsite progressed. This well was originally the 36-07 and re-staked while doing onsite at request of Arch crew. An exception spacing request must be filed with DOGM as this location falls 615' east of center in the SE/NW of said section. A 12 mil reserve pit liner will be mandatory if blasting is needed to construct pit. It appears there is enough clay at the surface that a liner is optional.

Reviewer: Dennis I. Ingram
Date: March 1, 1999

Conditions of Approval/Application for Permit to Drill:

1. A 12 mil reserve pit liner will be mandatory if blasting is needed to construct pit. It appears there is enough clay at the surface that a liner is optional if no blasting is needed.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: MISSION ENERGY
WELL NAME & NUMBER: FLAT TOP STATE #36-06
API NUMBER: 43-007-30528
LEASE: ML-46710 FIELD/UNIT: WILDCAT
LOCATION: 1/4, 1/4 SE/NW Sec: 36 TWP: 12S RNG: 15E 1653 FNL 2595' FEL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4, 1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 12 569856E; 4398264N
SURFACE OWNER: STATE OF UTAH TRUST LANDS (SITLA)

PARTICIPANTS

WAYNE FISHER (MISSION ENERGY); CHRIS COLT (WILDLIFE RESOURCES);
DENNIS L. INGRAM (DOGM)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

PROPOSED WELL IS LOCATED ON NARROW RIDGE (RUNS SOUTHWEST TO
NORTHEAST) APPROXIMATELY 2 MILES SOUTH OF DRY CANYON AND 5/8 MILE
NORTH OF COTTONWOOD CANYON. NINE MILE CANYON IS LOCATED 4 MILES TO
THE NORTH. ACCESS INTO LOCATION IS 31.8 MILES SOUTH OF MYTON UP WELLS
DRAW ROAD TO NINE MILE ROAD, THEN 6.4 MILES EAST TO COTTONWOOD CANYON,
THEN 6.4 MILES SOUTHWEST TO FLAT TOP MESA, THEN 3.6 MILES NORTHEAST TO
LEASE. SURFACE AREA ON LOCATION CONSISTS PRIMARILY OF PINYON/JUNIPER
TREES WITH SPARSE GROUND COVER AND DIPS TO EAST/SOUTH-EAST.

SURFACE USE PLAN

CURRENT SURFACE USE: GRAZING, HUNTING, MULE DEER & ELK WINTER RANGE.

PROPOSED SURFACE DISTURBANCE: EXISTING TWO-TRACK INTO LOCATION BUT
REQUIRES UPGRADE. OPERATOR PROPOSES A 200' RE-ROUTE OF EXISTING ROAD
TO NORTH OF LOCATION. LOCATION PROPOSED AS 270' DEEP BY 230' WIDE.
TOPSOIL STORED ON SOUTHWEST CORNER BETWEEN CORNER #2 AND #3. SUBSOIL
STOCKPILE ON NORTHEAST CORNER BETWEEN CORNERS #6 AND #7, AND RESERVE
PIT SPOILS TO WEST OF PIT.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP
GIS DATA BASE. (NONE EXIST)

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ANY PERMANENT
PRODUCTION EQUIPMENT SHALL REMAIN ON LOCATION. A PIPELINE PROPOSAL
SHALL BE SUBMITTED TO DOGM IF WELL IS PRODUCED.

SOURCE OF CONSTRUCTION MATERIAL: NATIVE CUT AND FILL OR BORROWED
MATERIAL.

ANCILLARY FACILITIES: SEE ATTACHED SURFACE USE PLAN, ITEM 8. A.
(CAMP FACILITIES FOR RIG CREW, TOOL PUSHER, AND COMPANY MAN).

WASTE MANAGEMENT PLAN:

SUBMITTED TO DIVISION WITH APD

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: PINYON/JUNIPER, BIG SAGEBRUSH, PRICKLY PEAR CACTUS,
NATIVE GRASSES. ELK, DEER, COYOTE, MOUNTAIN LION, BEAR, RABBIT,
BOBCAT, BIRDS OF PREY.

SOIL TYPE AND CHARACTERISTICS: FINE, LIGHT BROWN SANDY LOAM WITH SOME
CLAY PRESENT.

SURFACE FORMATION & CHARACTERISTICS: GREEN RIVER

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION PRESENT IN LOW SPOTS
DUE TO SPARSE GROUND COVER/SOME SEDIMENTATION/NO STABILITY PROBLEMS
ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: PROPOSED AS 8'X 75'X 160' WITH 1 1/2:1 SLOPE IN CUT
AND UPWIND OF PREVAILING WINDS.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL RESERVE PIT
LINER WILL BE MANDATORY IF BLASTING IS NEEDED TO CONSTRUCT PIT. IT
APPEARS THERE IS ENOUGH CLAY AT THE SURFACE THAT A LINER IS OPTIONAL.

SURFACE RESTORATION/RECLAMATION PLAN

ACCORDING TO SITLA REQUIREMENTS AT TIME OF RECLAMATION.

SURFACE AGREEMENT: YES

CULTURAL RESOURCES/ARCHAEOLOGY: CONDUCTED BY GRAND JUNCTION INSTITUTE.

OTHER OBSERVATIONS/COMMENTS

SURFACE DIPS TOWARD EAST AND SOUTH WITH DRY CANYON LOCATED TO THE
NORTH AND COTTONWOOD CANYON SOUTH OF LOCATION. LOCATION WAS MOVED
WEST FROM ORIGINAL STAKING TO ACCOMMODATE ARCH SURVEY (IN PROGRESS
DURING ONSITE VISIT).

ATTACHMENTS:

PHOTOGRAPHS WILL BE PLACED ON FILE

DENNIS L. INGRAM
DOGM REPRESENTATIVE

10/28/98 2:00 P.M.
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score (Level II Sensitivity)		<u>15</u>













UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, MAR
PLOT SHOWS LOCATION OF 4 POINTS OF DIV

PLOT OF ALL QUARTER(S) IN SECTION 36 TOWNSHIP 12S RAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FE

N O R T H



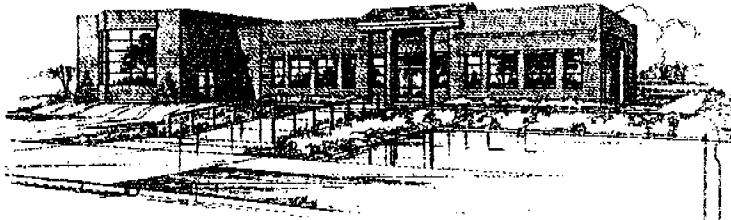
UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PRO

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG NORTH	POIN	
0	<u>90 1486</u>	.0000		.00	Devil's (Daddy's) Creek		
			WATER USE(S): STOCKWATERING				
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor				
1	<u>90 1426</u>	.0000		.00	Cottonwood Creek		
			WATER USE(S): STOCKWATERING				
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor				
2	<u>90 1426</u>	.0000		.00	Cottonwood Creek		
			WATER USE(S): STOCKWATERING				
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor				
3	<u>90 1486</u>	.0000		.00	Devil's (Daddy's) Creek		
			WATER USE(S): STOCKWATERING				
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor				

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

Mike Milovich
CHAIRMAN

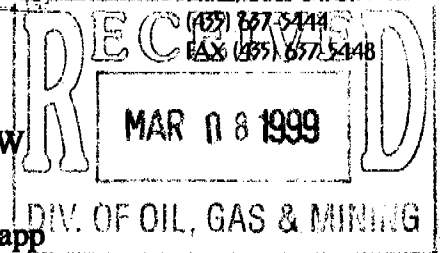
William D. Howell
EXECUTIVE DIRECTOR



375 SOUTH CARBON AVE.
P.O. DRAWER 1106
PRICE, UTAH 84501

(435) 637-5444
FAX (435) 637-5448

AREA WIDE CLEARINGHOUSE A-95 REVIEW



NOI	_____	State Action	_____	Preapp	_____
Subdivision	_____	App	<u>X</u>	ASP #	_____
State Plan	_____	Other	_____	SAI #	_____

Applicant Address:

Federal Funds Requested: _____

Oil, Gas and Mining

P.O. Box 145801

Salt Lake City, UT 84114

Phone Number: 538-5334

Title: Application for Permit to Drill

<u>Mission</u>	<u>Sage Brush St. 2-03</u>	<u>43-007-30521</u>
	<u>Upper Cabin St. 16-15</u>	<u>43-007-30522</u>
	<u>Flat Top St. 36-06</u>	<u>43-007-30528</u>

- ☐ No Comment
☒ See comment below
☐ No action taken because of insufficient information
☐ Please send your formal application to us for review. Your attendance is requested ☐

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearing house and also to the funding agency.

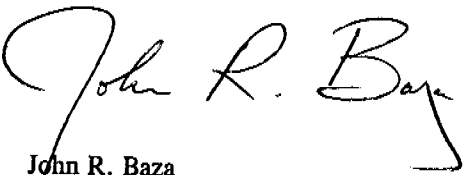
Comments: Approved on February 24, 1999 at SEUAOG Executive Board meeting.

Lorraine Benfleur

2-24-99

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:
Upon Approval
4. AREAWIDE CLEARING HOUSE(s) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah AOG
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Acquisition
☐ Land Sale ☐ Land Exchange ☐ Other
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
7. DESCRIPTION:
Mission Energy, LLC proposes to drill the Flat Top State 36-06 well (wildcat) on state lease ML-46710, Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)
SE/4, NW/4, Section 36, Township 12 South, Range 15 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(s) BEEN CONTACTED?
No
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL:
- 
John R. Baza
PHONE: 538-5334
- Associate Director
- DATE: February 11, 1999

RDCC Agenda
February 23, 1999
3

13. UT990216-010 DOGM/Carbon County: Application for Permit to Drill - proposal to drill a wildcat well, the Sage Brush State 2-03 well on state lease ML-44506 (Sec. 16, T12S, R15E). Comments due 3/3/99.
14. UT990216-020 DOGM/Carbon County: Application for Permit to Drill - proposal to drill a wildcat well, the Upper Cabin State 16-15 well, on state lease MI-46708 (Sec. 36, T12S, R15E). Comments due 3/3/99.
15. UT990216-030 DOGM/Carbon County: Application for Permit to Drill - proposal to drill a wildcat well, the Flat Top State 36-06 well on state lease MI-46710 (Sec. 36, T12S, R15E). Comments due 3/3/99.

B. Federal

16. UT990202-020 DOI/BLM/Washington County: St. George Field Office - Realty Action; Recreation and Public Purpose Act Classification U-76672). Federal Register Notice dated 1/25/99, page 3706. Comments due 2/25/99.
17. UT990202-040 EPA: Approval and Promulgation of Air Quality Implementation Plans; State of Utah; Salt Lake City Carbon Monoxide Redesignation to Attainment, Designation of Area for Air Quality Planning Purposes and Approval of Related Revisions - proposed rule. Federal Register Notice dated 1/21/99, page 3272 (contact person - Tim Russ 303/312-6479. Comments due 2/22/99.
18. UT990204-040 DOE/Western Area Power Administration: Resource Pool Size. Federal Register Notice dated 1/29/99, page 4646. Comments due 3/1/99.
19. UT990209-060 USDA/Forest Service: Ashley National Forest - Construct a log cabin (contact person - Mike Bergfield 435/789-1181). Comments due 3/1/99.

Casing Schematic

Surface

Green River

8-5/8"
MW 8.5
Frac 19.3

TOC @
0.

655 TOC TC.1

w/208 wsshort

Surface
1000. MD

calculated for 2500' TOC
adequate

2756'
Wssatch

TOC @
3631.

BOP

$$(0.052)(9)(1000) = 4680 \text{ psi}$$

$$\frac{\text{Gas}}{(0.12)(10000)} = 1200 \text{ psi}$$

$$\text{MASP} = 3480 \text{ psi}$$

3m BOPE proposed

5m BOPE required

DND 4/17/03

Received 5m BOPE docs
April 21, 2003

4506'
N/A/Hora

6266'
Mogavento

w/158 wsshort

4-1/2"
MW 10.

Production
10000. MD

Well name:

04-03 Barrett Prickly Pear State 36-06Operator: **Bill Barrett Corporation**String type: **Surface**

Project ID:

43-007-30528

Location: **Carbon Co.****Design parameters:****Collapse**Mud weight: 8.500 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 89 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 375 ft

Cement top:

Surface**Burst**Max anticipated surface
pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)Tension is based on buoyed weight.
Neutral point: 872 ft

Non-directional string.

Re subsequent strings:Next setting depth: 10,000 ft
Next mud weight: 10.000 ppg
Next setting BHP: 5,195 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5148
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	442	1370	3.10	1000	2950	2.95	20.9	244	11.65 J

Prepared by: Dustin K. Doucet
Utah Dept. of Natural ResourcesDate: April 17, 2003
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

04-03 Barrett Prickly Pear State 36-06Operator: **Bill Barrett Corporation**String type: **Production**

Project ID:

43-007-30528Location: **Carbon Co.****Design parameters:****Collapse**Mud weight: 10.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 375 ft

Cement top: 3,631 ft

BurstMax anticipated surface
pressure: 2,995 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,195 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,505 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10000	4.5	11.60	N-80	LT&C	10000	10000	3.875	41184
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5195	6350	1.22	5195	7780	1.50	98.7	223	2.26 J

Prepared Dustin K. Doucet
by: Utah Dept. of Natural ResourcesDate: April 17, 2003
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 10000 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.

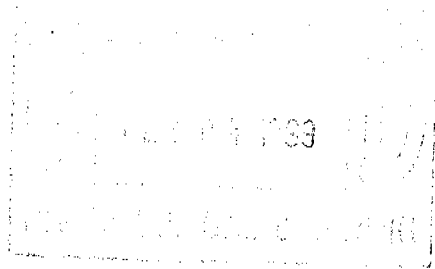
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

J. WAYNE FISHER*Oilfield Consultant**8002 W CR 24H**Loveland, CO 80538*

February 2, 1999

Brad Hill
Utah, Division Oil, Gas and Mining
1594 West North Temple
Salt Lake City, UT 84114-5801



Re: Mission Energy LLC

Dear Brad:

Please find enclosed copies of three (3) State and five (5) Federal APD for Mission Energy's Nine Mile Canyon area 1999 drilling program. I have also included a copy of Mission's operation statement and an area lease holding map. Copies of the State wells have been mailed to the Roosevelt office. Rights-of-way have been filed for with the BLM Price office.

If additional information is required, please contact one of the following:
Wayne Fisher @ (970) 669-8217, fax (970) 635-9337 or Jerry Bergeson @ (303) 292-9775, fax (303) 292-9280.

Sincerely

J. Wayne Fisher
J. Wayne Fisher

1999 Plan of Operations

Stone Cabin/Jacks Canyon/Peters Point Areas

Mission Energy, LLC

Mission Energy has approximately 13,200 acres of federal and state land under lease on the south side of Nine Mile Canyon in the Stone Cabin, Jacks Canyon and Peters Point areas (see attached map). Our plan is to conduct an exploration program during the summer of 1999 to help determine the commercial viability of producing natural gas in this area. We are permitting five wells on federal lands and three on state lands. The actual number of wells drilled will be determined first by the results of a technical evaluation that is currently under way and secondly by success when actual drilling operations begin.

Weather, road conditions, and equipment availability will determine the actual commencement date but it is expected to occur in late May or early June of 1999. If this start date is met, and Sego Resources drills a similar number of wells to Mission, drilling should be finished and equipment released by late September or early October.

Sego Resources is in the process of permitting a similar number of wells in the area south of Nine Mile Canyon. Our plan is to work as closely as possible with them to use equipment and personnel in the most efficient manner possible. By doing so, we believe the overall impact of the operations; both visually and from a surface impact, will be minimized. Any statements made relative to Sego Resources activity are based on the best information Mission Energy has at this time and are certainly subject to change for a variety of reasons.

The current plan is to begin drilling in the Flat Top area just west of Cottonwood Canyon. Sego Resources is permitting two wells (both federal) in this area and Mission Energy expects to permit three wells (one federal and two state). Access for the drilling rig and personnel will most likely be via Gate Canyon to Nine Mile Canyon to Cottonwood Creek and then to the Flat Top area. Minimal upgrades to existing roads will be necessary to access the drilling locations. In order to minimize vehicular traffic during drilling operations, we propose to place a small earthen dam on Cottonwood Creek and pump water from the creek up the hill to the drilling locations. This water will be used for drilling and cementing and possibly for domestic use.

After drilling the Flat Top wells, probably in late July or early August, the rig will be moved west to drill locations above Prickly Pear Canyon. The most likely route for moving the drilling rig is down Cottonwood Canyon to Nine Mile Canyon and up Harmon Canyon to the proposed locations. It is possible the rig move will be completed in two days but it will more likely take three days.

During the spring of 1999, Sego Resources/Mission Energy will jointly assess any problem areas on the Harmon Canyon road such as slope failure and drainage problems. Once the assessment is completed, Sego/Mission will obtain the concurrence of the Price District of the BLM that the proposed work is acceptable to them.

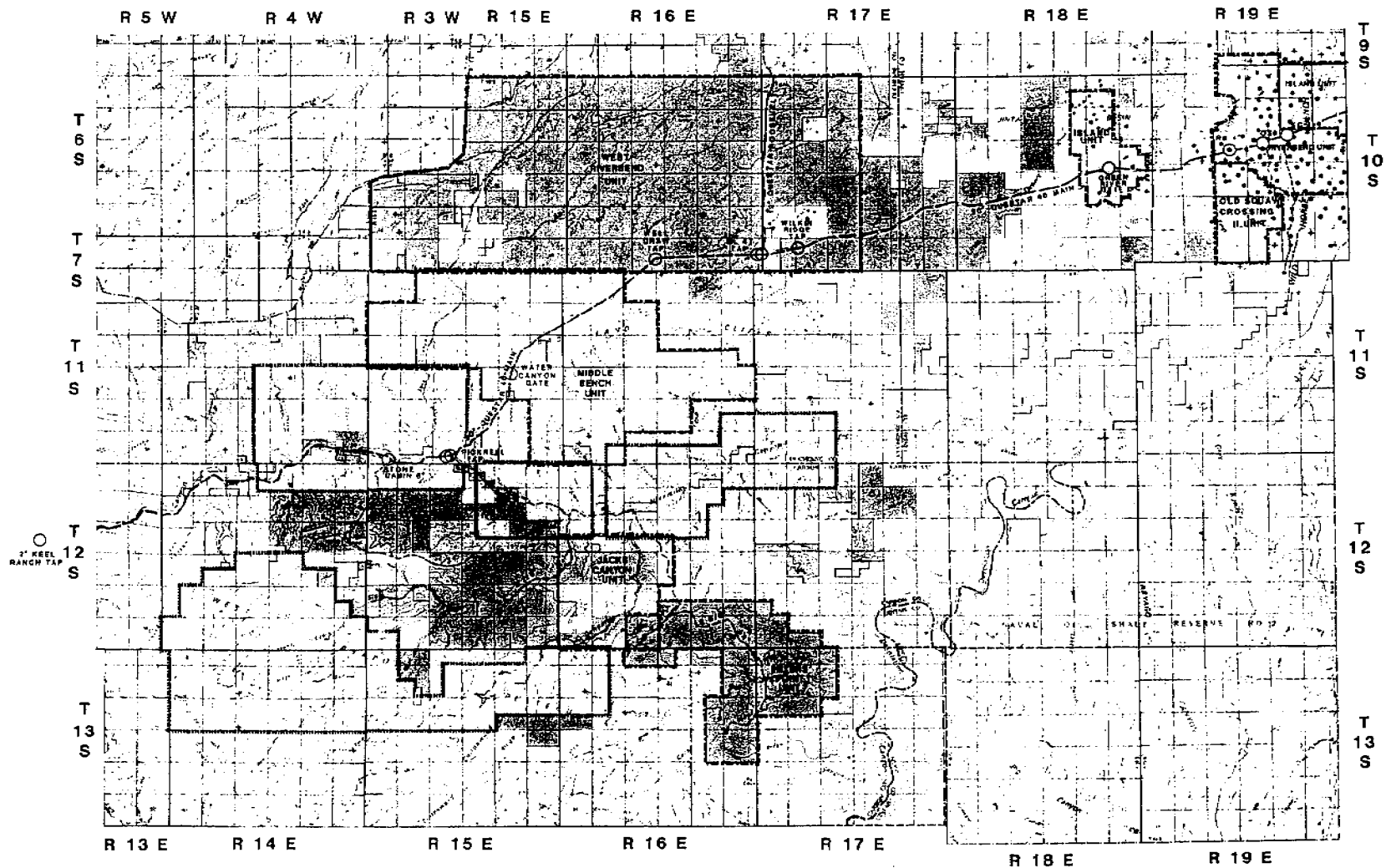
Mission Energy will permit five wells (four federal and one state) in this area. It is expected that Sego Resources will also permit five wells (four federal and one state) in this area. As in the Cottonwood area, the actual number of wells drilled here will be dependent on the results of the technical evaluation that is currently underway and the actual results of drilling. Under any circumstances, Mission and Sego will attempt to minimize vehicular traffic and personnel changes by coordinating their activity.

At the present time sources of drilling water are being evaluated. If it can be shown that the existing well with the inoperative windmill (sec. 13-T12S-R14E?) can provide sufficient water, we will use that as a source well. If that is not successful, the alternative options will be to 1) build a sufficiently large earthen dam and catch snow melt, 2) pump water up the hill from Nine Mile Creek, or 3) drill a water well on top of the hill.

For additional information, contact one of the following:

Mission Energy, LLC, Jerry Bergeson, (303) 292-9775

Fisher Consulting, J. Wayne Fisher, (970) 669-8217



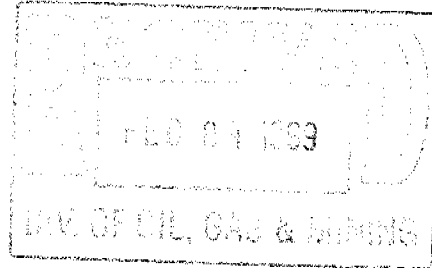
LAND LEGEND

- | | | | |
|---|---------------------|---|---------------------------|
|  | SEGO RESOURCES |  | CURRENT EXPLORATORY UNITS |
|  | SEGO / MISSION |  | TAR SANDS |
|  | MISSION ENERGY | | |
|  | McCULLISS RESOURCES |  | PIPELINE TAP OR HEADER |
|  | SKS | | |
|  | CHANDLER | | |
|  | OTHER | | |

J. WAYNE FISHER*Oilfield Consultant**8002 W CR 24H**Loveland, CO 80538*

February 1, 1999

Utah Division of Oil, Gas and Mining
Attn: Lisha Cordova
P O Box 145801
Salt Lake City, Utah 84114-5801



Re: Exception Location, Flat Top State #36-06

Dear Ms. Cordova

This letter is to request an exception location for the proposed well Flat Top State #36-06 and confirm that Mission Energy is the only lease holder within a 460' radius of this proposed well.

The reason this well is located at the current location is due to major archeological issues. At the joint onsite inspection with the Utah DOGM team and Grand River Institute arch study team it was elected to move this location to minimize impacts to known archeological sites in the area. The selected site is the best location which still allows Mission to evaluate the northern half of this lease and still address this issue.

Enclosed are a map and a lease description showing the boundaries of adjoining leases. The effected lease is Mission UT-ML-46710.

Thank you for your attention to this matter. If additional information is needed, please contact me at (970) 669-8217 or by fax at (970) 635-9337.

Sincerely,

Handwritten signature of J. Wayne Fisher.

J. Wayne Fisher

Agent for Mission Energy

Office: (970) 669-8217 / Fax: (970) 635-9337 / Cell: (970) 217-8525jwfisher@sprynet.com

FEB. 2, 1999

DEAR LISHA

THESE EXCEPTION LOCATION REQUESTS (5) ARE PART OF AN EIGHT WELL PACKAGE I'M SENDING TO YOU FOR MISSION ENERGY.

THEY'RE 5 FEDERAL AND 3 STATE PERMITS.

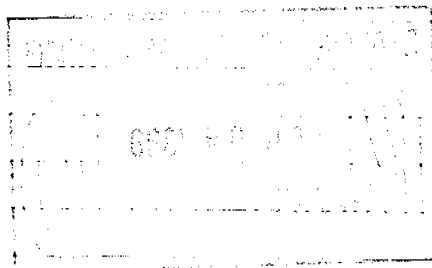
RIGHTS OF WAY HAVE BEEN FILED WITH THE BLM FOR ALL EIGHT PERMITS.

WILL FORWARD WATER RIGHTS PERMITS AS SOON AS PAPER WORK FINISHED.

BONDS WILL BE FORWARDED MID. MARCH OR EARLY APRIL.

THANKS:

Wayne



Mission Energy LLC

May 31, 2000

Mr. John Baza
Utah Division of Oil, Gas, & Mining
1594 West North Temple Suite 1210
Salt Lake City, UT 84114-5801

4/6/29

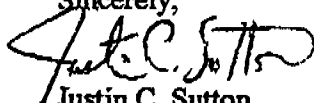
Meggie Wilson picked
up info.
Lc

Dear John:

Please give Wasatch Oil & Gas Corporation access to all documents relating to permitting on the below listed locations. This list should include all locations Mission has identified as drillsites. Some of these leases (anything in Ranges 14 and 15 East) have been already transferred to Wasatch and we are considering transferring the remaining leases to Wasatch.

- ✓ I. M. Fed #19-14 - SE/SW Sec. 19, T12S, R16E
- ✓ P. P. Fed #25-02 - NE/NW Sec. 25, T12S, R14E
- ✓ S. R. Fed #29-11 - NE/SW Sec. 29, T12S, R15E
- ✓ P. Fed #30-02 - NW/NW Sec. 30, T12S, R15E
- ✓ S. R. Fed #30-15 - SW/SE Sec. 30, T12S, R15E
- ✓ Henzel Fed #1-29 - NW/NE Sec. 29, T12S, R15E
- ✓ Federal # 1-19 - SE/NW Sec. 19, T12S, R16E
- ✓ LaVinia State #2-32 - SE/NE Sec. 32, T12S, R16E
- ✓ F. T. State #36-06 - SE/NW Sec. 36, T12S, R15E
- ✓ U. C. State #16-15 - SW/SE Sec. 16, T12S, R15E
- ✓ S. B. State #2-03 - NE/NW Sec. 2, T12S, R15E

Sincerely,



Justin C. Sutton
Manager

JCS:da

Cc: Todd Cusick

C:\Mission\Wasatch\Lease\Document\Access\Baza.doc

531 Encinitas Boulevard, Suite 200
Encinitas, CA. 92024
Phone 760.436.9877 Fax 760.436.5777

008

From: <Marie_McGann@ut.blm.gov>
To: <nrogm.lcordova@state.ut.us>
Date: 8/28/00 10:08AM
Subject: River Gas and Mission APDs

Hi Lisha,

This is a response to your phone call last week.

River Gas 21-10-35: RGC confirmed that the USA 21-35 is a "replacement" for the 21-10-35. RGC is aware that since the approval period of the 21-10-35 expired so long ago this was not a valid approval anyway. We are not going to officially (via letter) rescind the approval. I'm just going to document that RGC is aware that this permit is no longer valid.

Mission Energy APDs: I currently have 8 APDs. They are: 1-10, 1-19, 1-29, 19-14, 25-02, 29-11, 30-02 and 30-15. We are still waiting for input from the Price BLM Office, so we'll just keep holding on to them. I don't think any of them will be approved this year. Wasatch Oil & Gas has not submitted change of operator requests for these locations yet, but we've heard they plan to.

Have a good week!

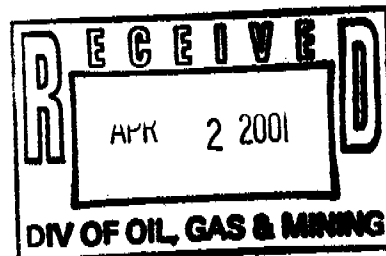
Marie

004

Mission Energy LLC

April 2, 2001

Ms. Lisha Cordova
State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801



Dear Lisha,

The leases pertaining to the wells listed on the attached letter from Reggie Willson to yourself dated March 22, 2001, correctly reflects that all the APD's transferred with these leases last year.

If the DOGM has any questions about this they can call me at 760-436-9877.

Sincerely,

A handwritten signature in cursive script, appearing to read "J.C. Sutton".

J.C. Sutton
President

Enclosure-1

519 Encinitas Boulevard, Suite 109
Encinitas, CA. 92024
Phone 760.436.9877 Fax 760.944.4562

Salt Lake City, Utah 84114-5801

Re: Sundry Notices
Change of Operator

Dear Lisha:

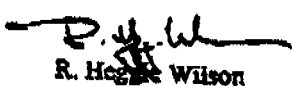
Enclosed in duplicate, please find Sundry Notices pertaining to the transfer of ten APDs and operator from Mission Energy, LLC to Wasatch Oil & Gas, LLC pertaining to the below listed well:

APLR	Legal Description	Well Name
43-007-30471	T12S-R16E; Sec. 19	Jack's Canyon #1-19
43-007-30470	T12S-R15E; Sec. 29	Henzel #1-29
43-007-30394	T12S-R17E; Sec. 10	Buena Vista #1-10
43-007-30523	T12S-R16E; Sec. 19	Iron Mesa #19-14
43-007-30524	T12S-R14E; Sec. 25	Prickley Pear #25-02
43-007-30525	T12S-R15E; Sec. 20	So. Ridge #29-11
43-007-30526	T12S-R15E; Sec. 30	Plains Fed. # 30-02
43-007-30527	T12S-R15E; Sec. 30	So. Ridge #30-15
43-007-30522	T12S-R15E; Sec. 16	Upper Cabin #16-15
43-007-30528	T12S-R15E; Sec. 36	FIM Top #36-02

At this time Wasatch would like to request that all ten APDs be given a one-year extension so that they maybe either be completed or utilized for drilling purposes.

Please do not hesitate to contact our office regarding this matter.

Sincerely,


R. Heggen Wilson
Agent

RECEIVED

MAR 23 2001

DIVISION OF
OIL, GAS AND MINING

PO Box 589 • Farmington, UT 84025-0089 • Tel (801) 451-9200 • Fax (801) 451-9204

APR-U2-01 MON 11:21

P.01

Apr-02-01 10:30

ENERGY MANAGEMENT

760 944 4562

P.01

MISSION ENERGY, LLC

Heggin: does this work? TR

FACSIMILE TRANSMITTAL SHEET

TO:	Todd Cusick	FROM:	J.C. Sutton
COMPANY:	Wasatch Oil & Gas	DATE:	APRIL 2, 2001
FAX NUMBER:	801-451-9204	TOTAL NO. OF PAGES INCLUDING COVER:	23
PHONE NUMBER:		SENDER'S REFERENCE NUMBER:	
RE:		YOUR REFERENCE NUMBER:	

☐ URGENT ☐ FOR REVIEW ☐ PER YOUR REQUEST ☐ PLEASE REPLY

NOTES/COMMENTS:

Todd:Here is the letter you requestedThanksJ.C. Sutton

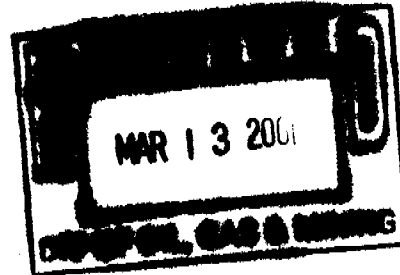
531 ENCINITAS BOULEVARD, SUITE 200
ENCINITAS, CA. 92024
PHONE 760-436-9877
FAX 760-944-0076



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Price Field Office
125 South 600 West
Price, Utah 84501



R. Heggie Wilson, Agent
Wasatch Oil & Gas
P. O. Box 699
Farmington, Utah 84025-0699

3160
(UT-070)
Wasatch Oil & Gas

MAR 6 2001

Dear Mr Wilson:

This letter is in response to both of your recent letters to our Price and Moab Field Offices. In the first letter you raised the issue of the Harmon Canyon Road and the Harmon Canyon Bridge. Since your company is new to the area, let's review the history of this boxcar bridge. This bridge was initially placed over Nine Mile Creek to gain access to Cottonwood Canyon. It was identified as unsafe by our engineering staff and replaced with the current modern bridge shortly before your company began operating the wells south of Nine Mile. The boxcar bridge was moved by one of the ranchers to Harmon Canyon. When our engineer came out on a field inspection of Harmon Canyon Road, he was asked how much weight the bridge would hold. He refused to give an estimate because the bridge was patently unsafe in his mind. It was determined that heavy equipment should not use the bridge. The bridge was removed because it was unsafe, and it would be our responsibility if any accidents occurred from its use. At present, there are no plans to replace this bridge because the crossing bottom is firm and stable. It was decided that even heavy drilling traffic could use the crossing if aircraft landing mats were used to protect the banks during high traffic times. This was acceptable to the State Water Engineer's representative.

In your second letter, you asked about the other eight APDs submitted by Mission's various agents over the last several years. The proposed Iron Mesa Federal 19-14 needed very little, if considered by itself, to comply with the National Environmental Protection Act. Mission/Sego was going to pick a route to pump drilling water to the top of the ridge to eliminate water hauling. Once this route was finalized and archeologically cleared, the four wells on top (three Sego, one Mission) would have been finished with the NEPA process. The wildlife and plant studies may need to be repeated because of the length of time that has passed since the original studies were done.

The Henzel Federal 1-29, if considered by itself, needed no more environmental studies and could be drilled simply by updating the wildlife and plant studies.

The Federal 1-19 well has significant archeological and riparian problems. The original location is across Dry Creek and on top of several small debris slides of unknown age. Significant archeological finds could be buried under the debris. Also, the lease contains a stipulation that states, **"No occupancy or other surface disturbance will be allowed within 330 feet of the centerline or within the 100-year recurrence interval flood plain, whichever is greater, of the perennial streams, or within 660 feet of springs, whether flowing or not.** This distance may be modified when specifically approved in writing by the authorized officer of the

Bureau of Land Management." The interdisciplinary team has recommended not approving this well at the staked location. Another location up the canyon on the other side of the road a short distance was found by Wayne Fisher and Dean Nyffeler, but it was never staked and is very close to the Jack's Canyon Unit Boundary.

Two problems were never resolved on the Prickly Pear Federal 25-02, the South Ridge Federal 29-11, the Plateau Federal 30-02, and the South Ridge Federal 30-15. The first problem was that access to these wells was never finalized because of the problems with the Harmon Canyon and Prickly Pear Roads. The second problem was determining where drilling water would be obtained. Our engineer's report on Harmon Canyon Road was furnished to Todd Cusick and should be available in your office. We will include only a brief synopsis here rather than review the entire two pages.

The road is between the creek and the slump and has water running across it from the large slump area. Two engineering firms were retained by BLM to study the slumping area and some recommendations were made to improve the road before heavy truck traffic should be allowed over it. Since heavy equipment has very seldom accessed this area of the Plateau, no formal engineering study had been done before. The Prickly Pear Road was built to allow bulldozer and fire equipment to access the area some years before to avoid the water problems. This road has many sharp turns and steep gradients, but it is dry. The dirt contractor for Mission/Sego stated that his personnel would be unwilling to use the Prickly Pear Road to haul drilling equipment up to and down from the Plateau.

In summary, access to this area of the Plateau needs to be resolved before major exploration or production drilling takes place. This can be via the flatter Harmon Canyon Road after safety improvements are made or up Prickly Pear Canyon if drilling and completion equipment can be found that can negotiate it.

The Burruss Federal 1-10 lease (UTU-62645) was placed in suspension effective June 1, 2000. The decision record was that the well pad should be located 800 feet south of the Mission proposed location adjacent to the Horse Bench Road. Mr. C. B. Willard of Mission was notified by letter dated August 25, 1999. Mission was asked to submit a revised APD, survey plat and cultural resource inventory within 45 days if they wished to pursue the drilling of Burruss 1-10. On May 17, 2000, Mr. Justin C. Sutton applied for a suspension of the above-mentioned lease, but no response was ever received about drilling the Burruss 1-10.

Sincerely,

Thomas E. Normus (Acting)

for

Richard L. Manus
Field Manager

cc: Moab Field Office

February 23, 2001

Ms. Marie McGann
Bureau of Land Management
82 Dogwood Lane
Moab, UT 84532

Mr. Dean Nyffeler
Bureau of Land Management
Price Field Office
125 South 600 West
Price, UT 84501

Re: Status of Mission Energy's APD's
Nine Mile Canyon Area

Dear Marie and Dean:

I have been working with Lisha Cordova at the DOGM to determine the status of the APD's that were submitted by Mission Energy to the BLM and State between 1997 and 1999. Wasatch has become a successor of interest to the leasehold once previously owned by Mission and we are trying to determine if we want to complete the permitting process for any of these permits. It is my understanding that some of these permits have not had EA's conducted on them or are deficient in some other way.

I am in hope that the BLM, Wasatch and the DOGM can come to some sort of landing as to the exact status of these permits and we can either complete the permitting process or abandon them. I do not believe that any of these APD's would jeopardize some of the lease suspension, but I may be mistaken and would appreciate your comments.

Enclosed is a DOGM printout of the permits that have been filed with their office (inclusive of SITLA lands).

Your attention in regards to this matter is greatly appreciated.

Sincerely,

R. Heggie Wilson
Agent



March 22, 2001

Ms. Lisha Cordova
 State of Utah
 Dept. of Natural Resources
 Division of Oil, Gas and Mining
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801

Re: Sundry Notices
 Change of Operator

Dear Lisha:

Enclosed in duplicate, please find Sundry Notices pertaining to the transfer of ten APDs and operator from Mission Energy, LLC to Wasatch Oil & Gas, LLC pertaining to the below listed well:

<u>API #</u>	<u>Legal Description</u>	<u>Well Name</u>
43-007-30471	T12S-R16E; Sec 19	Jack's Canyon #1-19
43-007-30470	T12S-R15E; Sec. 29	Henzel #1-29
43-007-30394	T12S-R17E; Sec. 10	Burruss #1-10
43-007-30523	T12S-R16E; Sec. 19	Iron Mesa #19-14
43-007-30524	T12S-R14E; Sec. 25	Prickley Pear #25-02
43-007-30525	T12S-R15E; Sec. 29	So. Ridge #29-11
43-007-30526	T12S-R15E; Sec. 30	Plateau Fed. # 30-02
43-007-30527	T12S-R15E; Sec. 30	So. Ridge #30-15
43-007-30522	T12S-R15E; Sec. 16	Upper Cabin #16-15
43-007-30528	T12S-R15E; Sec. 36	Flat Top #36-02

At this time Wasatch would like to request that all ten APDs be given a one-year extension so that they maybe either be completed or utilized for drilling purposes.

Please do not hesitate to contact our office regarding this matter.

Sincerely,

R. Heggie Wilson
 Agent

RECEIVED

MAR 23 2001

DIVISION OF
 OIL, GAS AND MINING

005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
2. NAME OF OPERATOR: Wasatch Oil & Gas, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 699 CITY Farmington STATE UT ZIP 84025-0699		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1653' FNL, 2595' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E S		8. WELL NAME and NUMBER: Flat Top State #36-06
PHONE NUMBER: (801) 451-9200		9. API NUMBER: 4300730528
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Carbon
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change of Operator
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

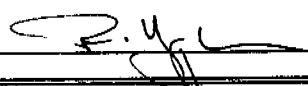
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Wasatch oil & Gas, LLC has succeeded Mission Energy, L.L.C. as record title holder to ML-46710 and hereby is requesting the APD for the #36-06 be transferred to Wasatch Oil & Gas, LLC.
Wasatch would like to maintain this APD for an additional year.
Wasatch's bond is forth coming.

RECEIVED

MAR 23 2001

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>R. Heggie Wilson</u>	TITLE <u>Agent</u>
SIGNATURE 	DATE <u>3/21/2001</u>

(This space for State use only)



March 22, 2001

Ms. Lisha Cordova
State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Sundry Notices
Change of Operator

Dear Lisha:

Enclosed in duplicate, please find Sundry Notices pertaining to the transfer of ten APDs and operator from Mission Energy, LLC to Wasatch Oil & Gas, LLC pertaining to the below listed well:

<u>API #</u>	<u>Legal Description</u>	<u>Well Name</u>
* 43-007-30471	T12S-R16E; Sec. 19	Jack's Canyon #1-19
* 43-007-30470	T12S-R15E; Sec. 29	Henzel #1-29
* 43-007-30394	T12S-R17E; Sec. 10	Burruss #1-10
43-007-30523	T12S-R16E; Sec. 19	Iron Mesa #19-14
43-007-30524	T12S-R14E; Sec. 25	Prickley Pear #25-02
43-007-30525	T12S-R15E; Sec. 29	So. Ridge #29-11
43-007-30526	T12S-R15E; Sec. 30	Plateau Fed. # 30-02
43-007-30527	T12S-R15E; Sec. 30	So. Ridge #30-15
43-007-30522	T12S-R15E; Sec. 16	Upper Cabin #16-15
43-007-30528	T12S-R15E; Sec. 36	Flat Top #36-02

At this time Wasatch would like to request that all ten APDs be given a one-year extension so that they maybe either be completed or utilized for drilling purposes.

Please do not hesitate to contact our office regarding this matter.

Sincerely,

R. Heggie Wilson
Agent

RECEIVED

MAR 23 2001

DIVISION OF
OIL, GAS AND MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

April 26, 2001

R. Heggie Wilson, Agent
Wasatch Oil & Gas Corporation
P. O. Box 699
Farmington, Utah 84025-0699

Re: Request for APD Extension(s)

Dear Mr. Wilson:

In response to your letter dated March 22, 2001 (copy enclosed), please be advised that the Division of Oil, Gas and Mining (the Division) has approved your request for a one-year APD extension for the wells listed below, effective today. In addition, the Division has accepted the transfer of operator from Mission Energy LLC (Mission) to Wasatch Oil & Gas Corporation (Wasatch).

Federal 1-19	Sec. 19, T12S, R16E	API No. 43-007-30471
Burruss Fed 1-10	Sec. 10, T12S, R17E	API No. 43-007-30394
Henzel Fed 1-29	Sec. 29, T12S, R15E	API No. 43-007-30470

The Bureau of Land Management (BLM), Moab office, has informed the Division that the APD's listed above have not been approved by their office as of today. State approval of these wells do not supersede the required federal approval which must be obtained prior to drilling.

The additional seven wells listed in your letter have not been approved by the Division, therefore your request for a one-year APD extension does not apply. The Division will update these unapproved APD files to reflect the change of operator from Mission to Wasatch and continue reviewing these files for permit approval. If we should need any additional information we will contact you.

Page 2
Wasatch Oil & Gas Corporation
April 26, 2001

Should you have any questions regarding this matter please contact me at
(801)538-5296.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Engineering Technician

Enclosure

cc: Bureau of Land Management/Moab Office
Mission Energy LLC/J.C. Sutton
Well File(s)



Thursday, September 20, 2001

Lisha Cordova
Utah Division of Oil, Gas, & Mining
1594 West North Temple Suite 1210
Salt Lake City, UT 84114-5801

Re: Upper Cabin State #16-15, T 12 S, R 15 E, Section 16

Dear Lisha:

It is our understanding that the only item lacking to complete the permit for the above referenced well was bonding. Bond # RLB0003816 has now been provided to SITLA. This is a statewide bond.

Please complete the processing of this permit. If you have any questions please call me at 801-451-9200.

We appreciate your help!

Sincerely,

Todd Cusick
President

**SITLA - Amended Bond rec'd 10-10-01.
Jc*

RECEIVED

SEP 21 2001

DIVISION OF
OIL, GAS AND MINING



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

October 15, 2001

Wasatch Oil & Gas Corporation
PO Box 699
Farmington, UT 84025-0699

Re: Flat Top State 36-06 Well, 1653' FNL, 2595' FWL, SE NW, Sec. 36, T. 12 South,
R. 15 East, Carbon County, Utah

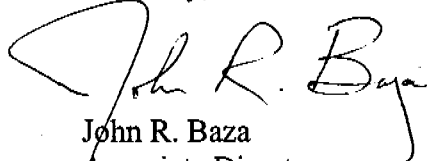
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30528.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Carbon County Assessor
SITLA

Operator: Wasatch Oil & Gas Corporation
Well Name & Number Flat Top State 36-06
API Number: 43-007-30528
Lease: ML 46710

Location: SE NW Sec. 36 T. 12 South R. 15 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



April 24, 2002

Mr. Jim Thompson
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Transfer Title to Wasatch Oil & Gas, LLC.

Dear Mr. Thompson:

Enclosed please find an Assignment and Bill of Sale from Wasatch Oil & Gas Corporation to Wasatch Oil & Gas, LLC, effective July 1, 2000.

Please do not hesitate to contact me at (435) 647-9712 regarding this transfer.

Sincerely,

R. Heggie Wilson
Agent

RECEIVED

APR 25 2002

DIVISION OF
OIL, GAS AND MINING

ASSIGNMENT AND BILL OF SALE

E 082716 B 465 P 1
Date: 27-NOV-2000 11:35am
Fee: 141.00 Check
SHARON MURDOCK, Recorder
Filed By JB
For WASATCH OIL & GAS
CARBON COUNTY CORPORATION p. 185

FOR AND CONSIDERATION OF Ten and No/100 Dollars (\$10.00) and other good and valuable considerations, in hand paid to Wasatch Oil & Gas Corporation, ("ASSIGNOR"), by WASATCH OIL & GAS LLC, P.O. Box 699, Farmington, Utah, 84025-0699, ("ASSIGNEE") the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign and transfer unto Assignee all of the Assignor's right, title and interest in and to the following properties situated in Duchesne and Carbon Counties, Utah (hereinafter called the "Interest"):

- (a) The oil, gas and other mineral leasehold interests described in Exhibit "A" attached hereto and made a part hereof, insofar as such cover and affect the lands described in Exhibit "A", (hereinafter called the "Leases") together with Assignor's interest in any pooled, communitized, or unitized acreage derived by virtue of Assignor's ownership of the leases;
- (b) The wells described on Exhibit "A", equipment and facilities located on the Leases and used in the operation of the Leases, including, but not limited to pumps, well equipment (surface and subsurface), saltwater disposal wells, water wells, lines and facilities, compressors, compressor stations, dehydration facilities, treating facilities, pipeline gathering lines, flow lines, transportation lines (including long lines and laterals), valves, meters, separators, tanks, tank batteries and other fixtures but expressly excluding tools, vehicles, or other rolling stock, communication equipment, leased equipment, computer and software;
- (c) Oil, condensate, natural gas, and natural gas liquids produced after the Effective Date of this Assignment and Bill of Sale, including "line fill" attributable to the Interest;
- (d) To the extent transferable, all contracts and agreements concerning the Interest, including, but not limited to, unit agreements, pooling agreements, areas of mutual interest, farmout agreements, farmin agreements, saltwater disposal agreements, water injection agreements, road use agreements, operating agreements, gas transportation and processing agreements, and gas balancing agreements (excluding any spot sales contracts, storage or warehouse agreements, supplier contracts, insurance contracts, and construction agreements);
- (e) To the extent transferable, all surface use agreements, right-of-way, licenses, authorizations, permits, and similar rights and interests applicable to, or used or useful in connection with, any or all of the Interest;
- (f) To the extent transferable, all files and records of Assignor relating to the Interests including land, well, lease, geological, geophysical and accounting files and records;
- (g) All rights of Assignor to reassignments of interests in the Leases.

RECEIVED

APR 25 2002

DIVISION OF
OIL, GAS AND MINING

Assignor and Assignee, in consideration of the mutual benefits to be derived hereunder and, by their acceptance hereof, signify their understanding and agreement to the following terms and conditions:

1. Assignee hereby agrees that it has inspected the Lease(s), well(s), personal property and equipment assigned and conveyed herein and that it accepts the same in its present

condition. Assignee agrees to assume all responsibility for said well(s), the casing, leasehold equipment, plugging requirements or exceptions thereto, including bonding requirements, in and on said well(s), and all other personal property used on or in connection therewith, from and after the Effective Date of this Assignment and Bill of Sale. Assignee agrees to protect, defend, indemnify and hold Assignor and its employees free and harmless from and against any and all costs, expenses, claims, demands and causes of action of every kind and character arising out of, incident to, or in connection with Assignee's ownership of the above described lease(s), lands, well(s), casing, leasehold equipment and other personal property, or Assignee's or other parties' operations on said lease(s) and said lands, from and after the Effective Date of this Assignment and Bill of Sale.

2. All claims, liabilities and causes of action, including those of an environmental nature, of whatever source or cause which arise out of Assignor's ownership of the Interest prior to the Effective Date, regardless of when actually instituted, shall be borne by Assignor by Assignor, and Assignor agrees to save, protect, indemnify and hold harmless for any liability associated with its ownership thereof. All claims, liabilities and causes of action of whatever source or cause which arise out of ownership of the Interest after the Effective Date, shall be borne by, and Assignee agrees to save, protect, indemnify and hold Assignor harmless therefrom.
3. Assignee hereby assumes all obligations and duties imposed upon Assignor pursuant to the terms of the lease(s), contracts, agreements, licenses, easements and right-of-ways to which Assignor's interest is subject, but only insofar as they pertain to the interest hereby assigned and transferred.

TO HAVE AND TO HOLD the Interest unto the Assignee and its successors and assigns forever.

Executed this 27th day of October, but effective July 1, 2000.

ASSIGNOR

Wasatch Oil & Gas Corporation

By: Todd Cusick
Todd Cusick, President

ASSIGNEE

Wasatch Oil & Gas LLC

By: Todd Cusick
Todd Cusick, President

ACKNOWLEDGEMENT

STATE OF UTAH }
 }
COUNTY OF DAVIS }

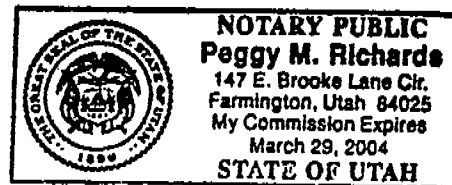
The foregoing instrument as acknowledged before me on this 27th day
of October, 2000, by Todd Cusick as President of Wasatch Oil & Gas Corporation. on behalf
of said Corporation.

WITNESS my hand and official seal.

My Commission Expires:

3/29/04

Peggy M. Richards
Notary Public



STATE OF UTAH }
 }
COUNTY OF DAVIS }

The foregoing instrument as acknowledged before me on this 27th day
of October, 1999, by Todd Cusick as President of Wasatch Oil & Gas LLC on behalf of said
Company. 2000

WITNESS my hand and official seal.

My Commission Expires:

3/29/04

Peggy M. Richards
Notary Public

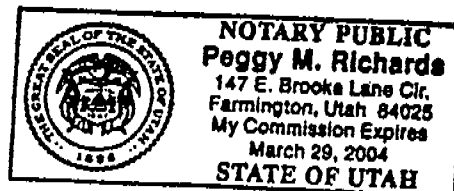


EXHIBIT "A"
LEASES

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
SL-069551	<u>Township 12 South, Range 16 East</u> Section 33: All Containing 640.00 Acres Lease Date: 11-1-50 (HBP)	Carbon
SL-071595	<u>Township 12 South, Range 16 East</u> Section 34: S/2 Section 35: Lots 1-4, E/2W/2 Containing 620.27 Acres Lease Date: 2-1-51 (HBU)	Carbon
U-0681	<u>Township 12 South, Range 16 East</u> Section 25: S/2 Section 26: Lots 6, 7, E/2SW/4, SE/4 Section 35: E/2 Section 36: S/2 <u>Township 13 South, Range 16 East</u> Section 1: All Containing 1598.62 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0683	<u>Township 13 South, Range 16 East</u> Section 13: All Section 23: E/2 Containing 960.0 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0684	<u>Township 13 South, Range 17 East</u> Section 5: All Section 9: W/2 Containing 639.32 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0685	<u>Township 13 South, Range 17 East</u> Section 7: All Section 17: N/2 Containing 943.42 Acres Lease Date: 7-1-51 (HBU)	Carbon
U-0719	<u>Township 13 South, Range 16 East</u> Section 12: All Section 14: E/2 Containing 960.00 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0725	<u>Township 13 South, Range 17 East</u> Section 8: All Section 18: Lots 1, 2, NE/4, E/2NW/4 Containing 951.79 Acres Lease Date: 3-1-51 (HBU)	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
U-0737	<u>Township 12 South, Range 17 East</u> Section 31: S/2 Containing 312.50 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0741	<u>Township 13 South, Range 16 East</u> Section 24: All Containing 640.00 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-0744	<u>Township 13 South, Range 17 East</u> Section 4: W/2 Section 6: All Containing 480.51 Acres Lease Date: 3-1-51 (HBU)	Carbon
U-01519-B	<u>Township 12 South, Range 15 East</u> Section 9: NE/4, E/2NW/4, SW/4NW/4 Section 10: S/2 Section 11: S/2 Section 13: N/2 Section 14: NE/4 Containing 1400.00 Acres Lease Date: 6-1-51 (HBU)	Carbon
U-03333	<u>Township 12 South, Range 17 East</u> Section 30: SW/4 Section 31: N/2 Section 32: S/2 Containing 784.50 Acres Lease Date: 1-1-52 (HBU)	Carbon
U-04049	<u>Township 12 South, Range 16 East</u> Section 36: NW/4, W/2NE/4, SE/4NE/4 Containing 280 Acres Lease Date: 5-1-51 (HBU)	Carbon
U-04049-A	<u>Township 12 South, Range 16 East</u> Section 36: NE/4NE/4 Containing 40.00 Acres Lease Date: 5-1-51 (HBU)	Carbon
U-08107	<u>Township 12 South, Range 16 East</u> Section 27: S/2 Section 34: N/2 Containing 640.00 Acres Lease Date: 11-1-50 (HBU)	Carbon
U-013064	<u>Township 12 South, Range 15 East</u> Section 11: W/2NE/4, NW/4 Containing 240.00 Acres Lease Date: 8-1-54 (HBU)	Carbon

U-0137844

Township 12 South, Range 15 East
 Section 27: N/2, SE/4
 Containing 480.00 Acres
 Lease Date: 4-1-64 (HBU)

Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
U-11604	<u>Township 12 South, Range 15 East</u> Section 22: All Section 23: All Section 35: N/2, SE/4 Containing 1760.00 Acres Lease Date: 5-1-79 (HBP)	Carbon
U-15254	<u>Township 12 South, Range 14 East</u> Section 11: W/2, W/2E/2, SE/4NE/4, E/2SE/4 Containing 600.00 Acres Lease Date: 8-1-71 (HBP)	Carbon
U-73006	<u>Township 12 South, Range 15 East</u> Section 7: All Section 8: All Section 9: S/2, NW/4NW/4 Section 10: NW/4 Section 17: E/2 Containing 2054.68 Acres Lease Date: 4-1-94, Exp. 3-31-04	Carbon
ML-21020	<u>Township 11 South, Range 14 East</u> Section 36: Lots 1-4, N/2SE/4, NE/4, N/2NW/4, SE/4NW/4 Containing 520.76 Acres Lease Date: 1-1-64 (HBU)	Duchesne
Freed Investment Bk187/P345	<u>Township 11 South, Range 14 East</u> Section 35: S/2NW, SW/4NE/4, NW/4SW/4 Section 36: NW/4SW/4	Duchesne
BK 152/P396	<u>Township 12 South, Range 14 East</u> Section 13: NE/SW/4 Section 24: SE/4NE/4 <u>Township 12 South, Range 15 East</u> Section 19: Lot 2 Lease Date: 3-21-79 (HBU)	Carbon
UTU-78431	<u>Township 11 South, Range 14 East, SLM</u> Section 33: NW/4, N/2SW/4, SE/4SW/4 Containing 280.0 acres Lease Date: 7-1-99, Exp. 6-30-09	Duchesne
UTU-79004	<u>Township 11 South, Range 15 East, SLM</u> Section 3: SW/4 Containing 160.0 acres Lease Date: 8-1-00, Exp. 7-31-10	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
Hunt Oil Company BK M292/P757	<u>Township 11 South, Range 15 East, SLM</u> Section 31: Lot 3, E/2SW/4, S2/SE Section 32: S/2SE4, NESE, S/2SW Section 33: SW/4, S/2SE/4 Containing 635.48 acres Lease Date: 4-26-00, Exp. 4-26-03 (2 year option to extend)	Duchesne
UTU-77513 (SEGO)	<u>Township 12 South, Range 14 East, SLM</u> Section 23: N/2 Section 24: SW/4NE/4, S/2NW/4, SW/4, NW/4SE/4 Containing 640.0 acres Lease Date: 10-1-98, Exp. 9-31-08	Carbon
ML-48381	<u>Township 11 South, Range 14 East, SLM</u> Section 33: SW/4SW/4 Containing 40.0 acres Lease Date: 1-26-00, Exp. 1-31-10	Duchesne
ML-48385	<u>Township 13 South, Range 15 East, SLM</u> Section 2: Lots 1-4, S/2S/2 (All) Containing 313.52 Lease Date: 1-26-00, Exp. 1-31-10	Carbon
UTU-73665 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 10: E/2 Section 12: NW/4SW/4, S/2S/2 Section 13: NW/4, NW/4SW/4, N/2SE/4 Section 14: N/2NE/4, SE/4NE/4, NE/4NW/4 Containing 960.0 acres Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-74386 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 10: W/2 Section 11: NE/4NE/4 Section 12: N/2, NE/4SW/4, N/2SE/4 Section 13: S/2S/2 Section 14: SW/4NE/4, W/2NW/4, SE/4NW/4, S/2 Section 15: N/2, N/2SW/4, SE/4 Containing 2,000.0 acres Lease Date: 7-1-95, Exp. 6-30-05	Carbon
UTU-77060 (SKS)	<u>Township 12 South, Range 14 East, SLM</u> Section 23: SE/4 Containing 160.0 Lease Date: 4-1-98, Exp. 3-31-08	Carbon
UTU-73668 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 17: W/2 Section 18: All Containing 899.77 Lease Date: 1-1-95, Exp. 12-31-04	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-73670 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 21: All Section 27: SW/4 Section 28: ALL Containing 1,440.0 Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-73671 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 33: All Section 34: All Section 35: SW/4 Containing 1,440.0 Lease Date: 1-1-95, Exp. 12-31-04	Carbon
UTU-73896 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 24: All Section 25: All Section 26: All Containing 1,920.0 Lease Date: 4-1-95, Exp. 3-31-05	Carbon
UTU-74388 (SKS)	<u>Township 12 South, Range 15 East, SLM</u> Section 13: S/2 Containing 320.0 Lease Date: 7-1-95, Exp. 6-30-05	Carbon
UTU- 65319 (Mission)	<u>Township 11 South, Range 15 East, SLM</u> Section 34: W/2 Containing 320.0 gross/ 160.0 net acres Lease Date: 5-1-89 In Suspension 3-1-99	Duchesne
UTU-65767 (Mission)	<u>Township 11 South, Range 14 East, SLM</u> Section 20: All Section 21: W/2 Section 28: W/2 Section 29: All Containing 1920.0 gross/ 960.0 net acres Lease Date: 8-1-89 In Suspension 3-1-99	Duchesne
UTU-65773 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 14: S/2 Section 15: W/2, SE/4 Containing 800.0 gross/ 400.0 net acres Lease Date: 8-1-89 In Suspension 3-1-99	Carbon
UTU-65776 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 29: NE/4 Section 30: E/2 Containing 480.0 gross/ 240.0 net acres Lease Date: 8-1-89 In Suspension 3-1-89	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-72054 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 29: W/2, SE/4 Section 30: Lots 1-4, E/W/2 Section 31: Lots 1, 2, NE/4, E/2NW/4 Containing 1048.66 gross/ net acres Lease Date: 7-1-93, Exp. 6-30-03	Carbon
UTU-77059 (Mission)	<u>Township 12 South, Range 14 East, SLM</u> Section 17: All Section 20: N/2NE/4, SE/NE/4, NW/4 Section 25: N/2, SE/4 Containing 1400.0 gross/ net acres Lease Date: 4-1-98, Exp. 3-31-00	Carbon
ML-46708 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 16: All Containing 640.0 gross/ net acres Lease Date: 11-1-94, Exp. 10-31-04	Carbon
ML-46710 (Mission)	<u>Township 12 South, Range 15 East, SLM</u> Section 36: All Containing 640.0 gross/ net acres Lease Date: 11-1-94, Exp. 10-31-04	Carbon
ML-43798 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 32: S/2NE/4 Containing 80.0 gross/ net acres Lease Date: 4-1-88, (HBU Jack Canyon)	Carbon
ML-43541-A (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 32: SW/4, E/2SE/4, SW/4SE/4, NW/4 N/2NE/4 Containing 520 acres Lease Date: 10-1-87, (HBU Jack Canyon)	Carbon
ML-43541	<u>Township 12 South, Range 16 East, SLM</u> Section 32: NW/4SE/4 Operating Rights Blow 3,398 Containing 40.0 gross/ net acres Lease Date: 10-1-87, (HBU Jack Canyon)	Carbon
UTU-65486 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 18: SE/4 Section 19: All Section 20: All Section 21: N/2, NW/4SW/4, SE/4 Containing 1,995.22 gross/ net acres Lease Date: 1-1-00, (HBU) In Suspension 3-1-99	Carbon
UTU-62890 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 15: SW/4 Containing 160.0 gross/ net acres Lease Date: 2-1-88, (HBU Jack Canyon Unit)	Carbon

<u>Serial Number</u>	<u>Description</u>	<u>County</u>
UTU-60470 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 31: Lots 3, 4, SE/4, E/2SW/4 Containing 318.18 gross/ net acres Lease Date: 4-1-88, (HBU Jack Canyon)	Carbon
UTU-69463 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 30: Lots 3, 4, E/2SW/4 Containing 157.96 gross/ net acres Lease Date: 4-1-92, (HBU Jack Canyon)	Carbon
UTU-66801 (Mission)	<u>Township 12 South, Range 16 East, SLM</u> Section 17: SW/4SW/4 Section 18: Lots 3, 4, E/2SW/4 Section 21: NE/4SW/4, S/2SW/4 Containing 317.64 gross/ net acres Lease Date 5-1-90, (HBU Jack Canyon)	Carbon
UTU-62645 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 3: Lots 1-3, SE, E/2SW/4 Section 10: E/2, E/2W/2 Section 11: All Section 15: W/2E/2, W/2 Section 17: S/S/2 Section 18: Lot 4, SE/4SW/4, S/2SE/4 Section 22: N/2N/2 Containing 2,433.37 gross/ net acres Lease Date: 12-1-87 Suspension Requested 5-26-00	Carbon
UTU-65783 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 20: N/2, N/2SW/4, SE/4 Section 21: N/2SE/4 Section 22: S/2NW/4, NW/4SW/4 Containing 760 gross/ 380 net acres Lease Date: 8-1-89 In Suspension	Carbon
UTU-65782 (Mission-Burris)	<u>Township 12 South, Range 17 East, SLM</u> Section 3: Lot 4, W/2SW/4 Section 4: Lots 1, 2, SE/4 Section 8: E/2, E/2W/2 Section 9: N/2 Section 10: W/2W/2 Containing 1,317.72 gross/ 658.86 net acres Lease Date: 8-1-89 In Suspension	Carbon

WELLS

Legal Description

Wells

Located in Carbon County, Utah:

- | | | |
|-----|-------------------------|--|
| 1. | Stone Cabin #1-11 | Township 12 South, Range 14 East, Section 11: SW/4SE/4 |
| 2. | Government Pickrell | Township 12 South, Range 15 East, Section 11: SE/4NW/4 |
| 3. | Stone Cabin Unit #1 | Township 12 South, Range 14 East, Section 13: SW/4NE/4 |
| 4. | Stobin Federal #21-22 | Township 12 South, Range 15 East, Section 22: NE/4NW/4 |
| 5. | Stone Cabin #2-B-27 | Township 12 South, Range 15 East, Section 27: SE/4NW/4 |
| 6. | Claybank Springs #33-1A | Township 12 South, Range 15 East, Section 33: SW/4NW/4 |
| 7. | Jack Canyon #101A | Township 12 South, Range 16 East, Section 33: SW/4SE/4 |
| 8. | Peters Point #2 | Township 12 South, Range 16 East, Section 36: NE/4SW/4 |
| 9. | Peters Point #9 | Township 13 South, Range 16 East, Section 1: SE/4NE/4 |
| 10. | Peters Point #14-9 | Township 13 South, Range 16 East, Section 14: NE/4SE/4 |
| 11. | Peters Point #4 | Township 13 South, Range 16 East, Section 24: NW/4NW/4 |
| 12. | Peters Point #5-14 | Township 13 South, Range 17 East, Section 5: SE/4SW/4 |
| 13. | Peters Point #1 | Township 13 South, Range 17 East, Section 6: SW/4SW/4 |
| 14. | Peters Point #3 | Township 13 South, Range 17 East, Section 8: SW/4SE/4 |

Located in Duchesne County, Utah:

- | | | |
|-----|------------------|--|
| 15. | PTS #33-36 State | Township 11 South, Range 14 East, Section 36: NW/4SE/4 |
|-----|------------------|--|

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-46710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Prickly Pear

8. WELL NAME and NUMBER:

Flat Top State 36-06

9. API NUMBER:

43-007- 30528

10. FIELD AND POOL, OR WILDCAT:

Wildcat

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

Bill Barrett Corporation

3. ADDRESS OF OPERATOR:

1099 18th St # 2300

CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

303 293-9100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1,653' FNL and 2,595' FWL, SE 1/4 NW 1/4, Section 36

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Change of Operator

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Bill Barrett Corporation has succeeded Wasatch Oil & Gas Corporation as Operator of the above described well effective April 1, 2002

Wasatch Oil & Gas Corporation

Todd Cusick

Todd Cusick, President April 30, 2002

NAME (PLEASE PRINT) Dominic Bazile

TITLE Vice President of Operations

SIGNATURE

Dominic Bazile

DATE April 30, 2002

(This space for State use only)

RECEIVED

MAY 8 2002

DIVISION OF
OIL, GAS AND MINING

BILL BARRETT CORPORATION

May 15, 2002

Mr. Jim Thompson
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Waste Management Plan, Response Form, 2002 Report

Dear Jim,

Enclosed you will find *Call for Annual Waste Management Plans for Calendar Year 2002 - Response Form*.

Annual Waste Management Plan - 2002

Listed below are the facilities from which water will be hauled to the water disposal operation of RNI Disposal in Roosevelt. We anticipate disposing of all produced water with RNI from these facilities and any others. RNI is permitted and in good standing with the division.

Bill Barrett Corporation estimates that approximately 3,000 barrels of water will be produced from these facilities during 2002. This number may vary depending on rework and new drilling activities.

Wells

Government Pickrell
Stone Cabin #2-B-27
Peters Point #3A
Hunt Ranch #3-4

Legal Description

Located in Carbon County, Utah:

T12S, R15E, Section 11: SE/4NW/4
T12S, R15E, Section 27: SE/4NW/4
T13S, R17E, Section 8: SW/SE/4
T12S, R15E, Section 3: SE/4SE/4

Compressor Stations

Main Compressor
Airport Compressor

T11S, R15E, Section 23
T12S, R16E, Section 27

Please contact the undersigned if you have any questions.

Sincerely,



Dominic J. Bazile, II
Vice President, Operations
Enclosure

RECEIVED

MAY 21 2002

**DIVISION OF
OIL, GAS AND MINING**

Call for Annual Waste Management Plans for Calendar Year 2002 – Response Form

In accordance with Rule R649-9-2.4 of the Utah Oil and Gas Conservation General Rules, the Utah Division of Oil, Gas and Mining requests that all oil and gas operators, who are active in Utah, inform the Division of their waste management plans for their Utah operations by returning this Response Form and, if a waste stream is anticipated during calendar year 2002, attaching an Annual Waste Management Plan.

Operator Name: Bill Barrett Corporation
Name and Title of Company Representative: Dominic J. Bazile II, Vice President, Operations
Date: May 15, 2002 Phone Number: 303-293-9100

Three waste stream outcomes are defined below. Please select the one that fits your operational circumstances by placing an "X" on the underlined spaces in front of the selection:

1. No Exploration and Production (E&P) wastes of any kind are anticipated and an amended Waste Management Plan will be filed when and if E&P wastes are generated.
2. An E&P waste stream is probable but it is unlikely to include any produced water. We will file an amended Waste Management Plan when and if our operations generate any produced water. Attached please find our Annual Waste Management Plan (providing the information specified in Rule R649-9-2.4).
3. X Our E&P waste stream is likely to include produced water. We will probably dispose of our produced water in the approximate percentage(s) specified, using the disposition strategy(ies) selected, below:

 100 % by Permitted Class II Water Disposal well(s).

 % by Permitted Class II Injection well(s) in a waterflood project.

 % by Permitted Commercial Evaporative Pit(s).

 % by Permitted Private, Non-commercial Evaporative Pit(s).

 % by Onsite (Surface) Pit(s).

 % by operations utilizing produced water for drilling, completion and workover activities.

 % by Permitted UPDES surface discharge

 % by Out of State Transfer to (specify in Annual Waste Management Plan).

 % by Other Means (specify in Annual Waste Management Plan).

 100 % Total

and have attached the Annual Waste Management Plan to provide the information specified in Rule R649-9-2.4.

5. If NO, the operator was contacted contacted on: N/A

6. (R649-9-2)Waste Management Plan has been received on: N/A

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 05/21/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 05/21/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB0003816

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:



May 23, 2002

Mr. Jim Thompson
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

MAY 24 2002

**DIVISION OF
OIL, GAS AND MINING**

Re: Transfer Title to Wasatch Oil & Gas, LLC.

Dear Mr. Thompson:

Pursuant to my April 24, 2002 letter and our recent conversation regarding the wells formally owned by Wasatch Oil & Gas LLC, please allow this letter to clarify that all the interest in the wells and well permits located in Carbon and Duchesne Counties previously owned by either Wasatch Oil & Gas Corporation or Wasatch Oil & Gas, LLC have been transferred to Bill Barrett Corporation effective April 1, 2002.

Effective July 1, 2000, Wasatch Oil & Gas Corporation attempted to transfer all their leasehold interest in State, Federal and Fee lands to Wasatch Oil & Gas, LLC. However, there was some apparent oversight in transferring the wells and units at the same time. Recently we made these transfers close to the same time Bill Barrett Corporation acquired the referenced wells.

Regardless of whether or not Wasatch Corp. or Wasatch LLC was shown as the operator of the wells on April 1, 2002, it is the intent that Bill Barrett Corporation is being transferred ownership.

Please do not hesitate to contact me if you have any further questions regarding this matter.

Sincerely,



R. Hegg Wilson

6. (R649-9-2)Waste Management Plan has been received on: 05/21/2002

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 05/24/2002

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 05/28/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 05/28/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: LPM4138146

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
2. NAME OF OPERATOR: Bill Barrett Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18th St. #2300 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 293-9100		8. WELL NAME and NUMBER: Flat Top State #36-06
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1653' FNL, 2595'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E S		9. API NUMBER: 4300730528
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Bill Barrett Corporation requests a 1 year extension on APD for Flat Top State #36-06.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 12-09-02
By: [Signature]

RECEIVED

DEC 05 2002

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 12-10-02
Initials: CHD

NAME (PLEASE PRINT) Christine Pickart

SIGNATURE

Christine Pickart

TITLE Engineering Technician

DATE 12/2/2002

(This space for State use only)

AMENDED

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Prickly Pear Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1807' FNL x 2144' FWL 4398176 Y 39.73251 569690 X - 110.18674 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E		8. WELL NAME and NUMBER: Prickly Pear Unit State #36-06
PHONE NUMBER: (303) 312-8120		9. API NUMBER: 007-30528
		10. FIELD AND POOL, OR WILDCAT: Prickly Pear
		COUNTY: Carbon
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BILL BARRETT CORPORATION REQUESTS APPROVAL TO MAKE THE FOLLOWING CHANGES REGARDING THIS PROPOSED WELL:

CHANGE WELL NAME FROM FLAT TOP STATE #36-06 TO PRICKLY PEAR UNIT STATE #36-06

CHANGE LOCATION OF WELL (MOVING WEST 451' AND SOUTH 154'): OLD LOCATION 1653' FNL x 2595' FWL

NEW LOCATION 1807' FNL x 2144' FWL, REMAINING IN THE SE/4 NW/4 (SEE NEW PLAT PACKAGE ATTACHED)

INCREASING SIZE OF DRILL PAD FROM 270' x 230' TO 325' x 150' PLUS 75' x 100' RESERVE PIT (SEE NEW PLAT PACKAGE ATTACHED)

INCREASE TOTAL DEPTH OF THIS WELL FROM 6800' TO 10,000'

REVISE CASING PROGRAM AND ASSOCIATED CEMENT VOLUMES TO:

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	1,000'	545 sx
7-7/8"	4-1/2"	11.6#	10,000'	1440 sx

PLEASE SEE ATTACHED CASING DESIGN SHEETS AND PROPOSED CEMENTING PROGRAM.

All other information in the original APD remains the same.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Permit Specialist

SIGNATURE

DATE

3/17/2003

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

MAR 19 2003

DIV. OF OIL, GAS & MINING

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-22-03

By: [Signature]

T12S, R15E, S.L.B.&M.

BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT #36-06,
located as shown in the SE 1/4 NW 1/4 of
Section 36, T12S, R15E, S.L.B.&M. Carbon
County, Utah.

1909 Brass Cap,
1.0' Above Pile
of Stones

S89°52'04"W - 2639.27' (Meas.)

N89°49'58"E - 2643.44' (Meas.)

Brass Cap,
1.3' High

1909 Brass Cap,
1.3' High, Scattered
Stones

S00°00'54"E - 2641.20' (Meas.)

2144'

1807'

PRICKLY PEAR UNIT #36-06
Elev. Ungraded Ground = 7137'

36

1909 Brass Cap,
1.2' High

1909 Brass Cap,
Mound of Stones

N00°01'W - 40.00 (G.L.O.)

NORTH - 40.00 (G.L.O.)

S89°48'W - 80.00 (G.L.O.)

BASIS OF BEARINGS

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

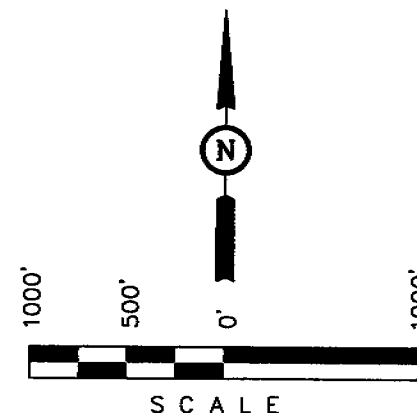
(AUTONOMOUS NAD 83)

LATITUDE = 39°43'57.61" (39.732669)

LONGITUDE = 110°11'14.24" (110.187289)

BASIS OF ELEVATION

TRIANGULATION STA. COTTON LOCATED IN THE NW 1/4 OF
SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN
HOLLOW QUADRANGLE, UTAH, CARBON COUNTY 7.5 MINUTE
QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL
SURVEY. SAID ELEVATION IS MARKED AS BEING 7368 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REG. NO. 161319

ROBERT J. RAY

REGISTERED LAND SURVEYOR

REGISTRATION NO. 161319

STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-29-03	DATE DRAWN: 1-30-03
PARTY G.S. T.A. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



March 26, 2003

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

ATTENTION: Ms. Diana Mason

Peters Point Unit Wells and
Prickly Pear Unit State #36-06
Carbon County, Utah

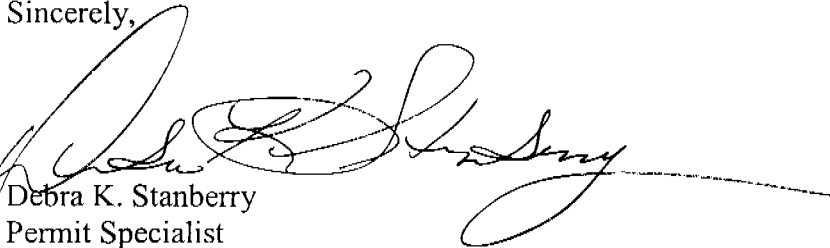
Dear Ms. Mason:

Enclosed are four Sundry notices, one each for the Peters Point Unit Federal #36-2, the Peters Point Unit Federal #36-3, the Peters Point Unit Federal #36-4 and the Prickly Pear Unit State #36-06. Bill Barrett Corporation is requesting approval of these revisions to the original approved APDs for these wells.

Pursuant to our telephone conversations and e-mails of last week, I must apologize for all the confusion. I certainly appreciate your patience and guidance in this process. Bill Barrett Corporation is rapidly growing and we have several new members added to our team. We anticipate our processes and procedures to run more smoothly in the future.

Please disregard the Sundry notices mailed to you dated March 17, 2003 and please contact me at (303) 312-8120 if you need anything further. Your earliest review of these Sundries will be most appreciated.

Sincerely,



Debra K. Stanberry
Permit Specialist

Enclosures

RECEIVED

MAR 27 2003

DEPARTMENT OF MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

Well name:
Operator: **BILL BARRETT CORP**
String type: **Surface**
Location: **CARBON COUNTY UTAH**

PPUS 36-06**Design parameters:****Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 89 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.10

Cement top: Surface

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 1,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 865 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,000 ft
Next mud weight: 9.000 ppg
Next setting BHP: 4,675 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	48.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	468	1370	2.930	1000	2950	2.95	21	244	11.75 J

Post-it® Fax Note	7671	Date	3/14/03	# of pages	3
To	Deb Starbenny		From	Rusty	
Co./Dept.			Co.		
Phone #			Phone #		
Fax #	342-303-291-0420		Fax #		

Prepared **GLENN LENTZ**
by: **Burland & Leverich**

Phone: 800-530-4397
FAX: 806-665-2106

Date: March 14, 2003
Pampa, Texas

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	PPUS 36-06
Operator:	BILL BARRETT CORP
String type:	Production
Location:	CARBON COUNTY UTAH

Design parameters:

Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 215 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Burst:

Design factor 1.00

Cement top: 8,000 ft

Burst

Max anticipated surface pressure: 3,475 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,675 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point 8,655 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000C	4.5	11.60	J-80	LT&C	10000	10000	3.875	231.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4675	6350	1.358	4675	7780	1.66	100	223	2.22 J

Prepared by: GLENN LENTZ
Borland & Leverich

Phone: 800-530-4397
FAX: 806-665-2106

Date: March 14, 2003
Pampa, Texas

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Komler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



Bill Barrett Corporation
1099 18th Street Suite 2300
Denver, Colorado 80202

Prickley Pear State 36-06

Carbon County, Utah
United States of America
S:36 T:12S R:15E

Surface and Production Casing Cementing Proposal

Prepared for:
March 13, 2003
Version: 1

Submitted by:
Pat Kundert
Halliburton Energy Services
Denver 410 17th Co Us
410 Seventeenth St
Denver, Colorado 80202
303.899.4700

HALLIBURTON

*Halliburton appreciates the opportunity to present
this proposal and looks forward to being of service to you.*

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared and Submitted by:

Pat Kundert
Technical Advisor

SERVICE CENTER:
SERVICE COORDINATOR:
FIELD SERVICE QUALITY COORDINATOR:
CEMENTING ENGINEER:
FIELD REPRESENTATIVE:
PHONE NUMBER:

VERNAL, UT
DALE HARROLD
RICHARD MCDONALD
RICHARD CURTICE
DALE GOWEN
800-774-3963

Job Information**Surface Casing**

Prickley Pear State

36-06

Well Intervals:

Surface Casing

0 - 1000 ft (MD)

Outer Diameter

8.625 in

Inner Diameter

8.097 in

Linear Weight

24 lbm/ft

Casing Grade

J-55

Surface Hole

0 - 1000 ft (MD)

Inner Diameter

12.250 in

Job Excess

100 %

Mud Type

Water Based

Mud Weight

8.50 lbm/gal

BHST

80 degF

BHCT

80 degF

Calculations**Surface Casing**

Spacer:

$$\begin{aligned}\text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl}\end{aligned}$$

Cement : (700.00 ft fill)

$$\begin{aligned}700.00 \text{ ft} * 0.4127 \text{ ft}^3/\text{ft} * 100 \% &= 577.82 \text{ ft}^3 \\ \text{Total Lead Cement} &= 577.82 \text{ ft}^3 \\ &= 102.91 \text{ bbl} \\ \text{Sacks of Cement} &= 312 \text{ sks}\end{aligned}$$

Cement : (300.00 ft fill)

$$\begin{aligned}300.00 \text{ ft} * 0.4127 \text{ ft}^3/\text{ft} * 100 \% &= 247.64 \text{ ft}^3 \\ \text{Primary Cement} &= 247.64 \text{ ft}^3 \\ &= 44.11 \text{ bbl}\end{aligned}$$

Shoe Joint Volume: (40.00 ft fill)

$$\begin{aligned}40.00 \text{ ft} * 0.3576 \text{ ft}^3/\text{ft} &= 14.30 \text{ ft}^3 \\ &= 2.55 \text{ bbl} \\ \text{Tail plus shoe joint} &= 261.94 \text{ ft}^3 \\ &= 46.65 \text{ bbl} \\ \text{Total Tail} &= 226 \text{ sks}\end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned}1000.00 \text{ ft} * 0.3576 \text{ ft}^3/\text{ft} &= 357.58 \text{ ft}^3 \\ &= 63.69 \text{ bbl}\end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned}\text{Capacity of Pipe - Shoe Joint} &= 63.69 \text{ bbl} - 2.55 \text{ bbl} \\ &= 61.14 \text{ bbl}\end{aligned}$$

Job Recommendation

Surface Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer w/Gel

Fluid Density: 8.5 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.7 lbm/gal

Slurry Yield: 1.85 ft³/sk

Total Mixing Fluid: 9.90 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 700 ft

Volume: 102.91 bbl

Calculated Sacks: 312.33 sks

Proposed Sacks: 315 sks

Fluid 3: Primary Cement

Premium Cement

94 lbm/sk Premium Cement (Cement-api)

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.8 lbm/gal

Slurry Yield: 1.16 ft³/sk

Total Mixing Fluid: 4.97 Gal/sk

Top of Fluid: 700 ft

Calculated Fill: 300 ft

Volume: 46.65 bbl

Calculated Sacks: 225.61 sks

Proposed Sacks: 230 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Spacer w/Gel			20 bbl
2	Cement	Halliburton Light Cement	12.7	5.0	315 sks
3	Cement	Premium Cement	15.8	5.0	230 sks

Job Information

4 1/2" Production Casing

Prickley Pear State 36-06

Well Intervals:

Surface Casing	0 - 1000 ft (MD)
Outer Diameter	8.625 in
Inner Diameter	8.097 in
Linear Weight	24 lbm/ft
Casing Grade	J-55
Job Excess	0 %

Production Casing	0 - 10000 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	4.000 in
Linear Weight	11.60 lbm/ft
Casing Grade	N-80

Production Hole	0 - 10000 ft (MD)
Inner Diameter	7.875 in
Job Excess	25 %

Mud Type	Water Based
Mud Weight	9 lbm/gal
BHST	180 degF
BHCT	125 degF

Calculations**4 1/2" Production Casing**

Spacer:

$$\begin{aligned} 99.00 \text{ ft} * 0.2278 \text{ ft}^3/\text{ft} * 25 \% &= 28.19 \text{ ft}^3 \\ \text{Total Spacer} &= 28.07 \text{ ft}^3 \\ &= 5.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 394.00 \text{ ft} * 0.2278 \text{ ft}^3/\text{ft} * 25 \% &= 112.19 \text{ ft}^3 \\ \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 99.00 \text{ ft} * 0.2278 \text{ ft}^3/\text{ft} * 25 \% &= 28.19 \text{ ft}^3 \\ \text{Total Spacer} &= 28.07 \text{ ft}^3 \\ &= 5.00 \text{ bbl} \end{aligned}$$

Cement : (7500.00 ft fill)

$$\begin{aligned} 7500.00 \text{ ft} * 0.2278 \text{ ft}^3/\text{ft} * 25 \% &= 2135.59 \text{ ft}^3 \\ \text{Primary Cement} &= 2135.59 \text{ ft}^3 \\ &= 380.36 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (40.00 ft fill)

$$\begin{aligned} 40.00 \text{ ft} * 0.0873 \text{ ft}^3/\text{ft} &= 3.49 \text{ ft}^3 \\ &= 0.62 \text{ bbl} \\ \text{Tail plus shoe joint} &= 2139.08 \text{ ft}^3 \\ &= 380.99 \text{ bbl} \\ \text{Total Tail} &= 1436 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 10000.00 \text{ ft} * 0.0873 \text{ ft}^3/\text{ft} &= 872.66 \text{ ft}^3 \\ &= 155.43 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 155.43 \text{ bbl} - 0.62 \text{ bbl} \\ &= 154.81 \text{ bbl} \end{aligned}$$

Job Recommendation

4 1/2" Production Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

Fluid Density: 8.5 lbm/gal

Fluid Volume: 5 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH 100

Fluid Density: 11.70 lbm/gal

Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Water Spacer

Fluid Density: 8.5 lbm/gal

Fluid Volume: 5 bbl

Fluid 4: Primary Cement

50/50 Poz Premium, 2% gel standard

3 % KCL (Additive Material)

0.75 % Halad(R)-322 (Low Fluid Loss Control)

3 lbm/sk Silicalite Compacted (Light Weight Additive)

0.2 % FWCA (Free Water Control)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 13.40 lbm/gal

Slurry Yield: 1.49 ft³/sk

Total Mixing Fluid: 7.06 Gal/sk

Top of Fluid: 2500 ft

Calculated Fill: 7500 ft

Volume: 380.99 bbl

Calculated Sacks: 1435.62 sks

Proposed Sacks: 1440 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Spacer			5 bbl
2	Spacer	SUPER FLUSH 100	11.7		20 bbl
3	Spacer	Water Spacer			5 bbl
4	Cement	50/50 Pozmix, 2% gel Cement	13.4	5.0	1440 sks

BILL BARRETT CORPORATION
PRICKLY PEAR UNIT #36-06
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 36, T12S, R15E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

1 **29** **03**
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

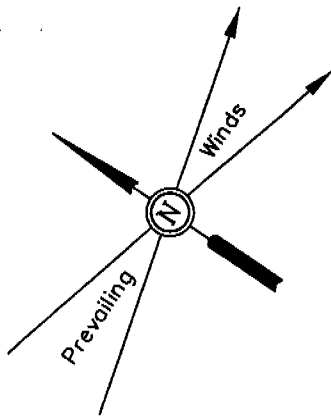
DRAWN BY: J.L.G.

REVISED: 00-00-00

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

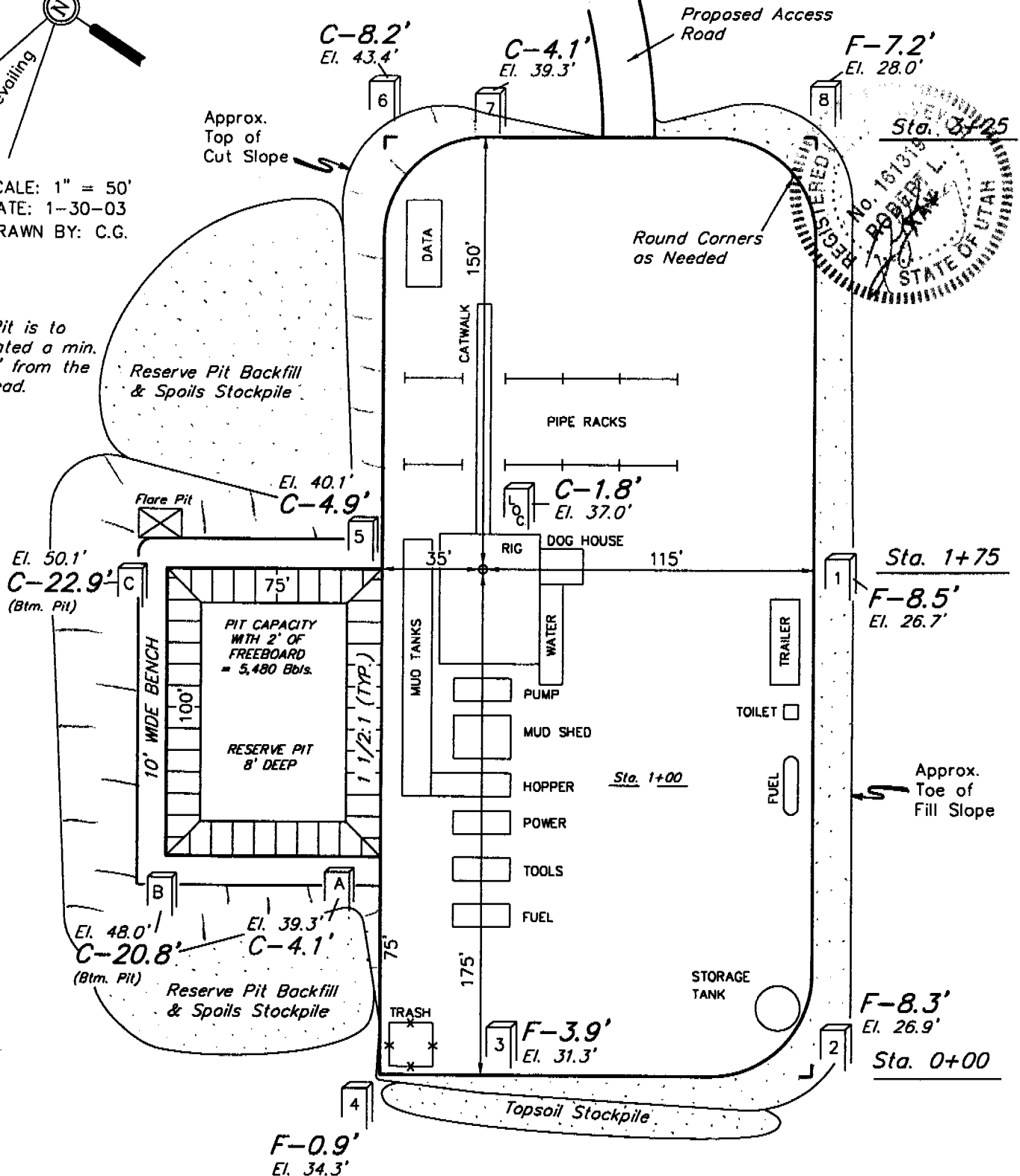
PRICKLY PEAR UNIT #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1807' FNL 2144' FWL



SCALE: 1" = 50'
DATE: 1-30-03
DRAWN BY: C.G.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 7137.0'

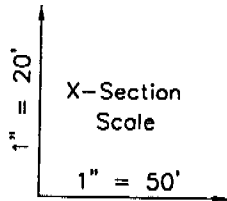
Elev. Graded Ground at Location Stake = 7135.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

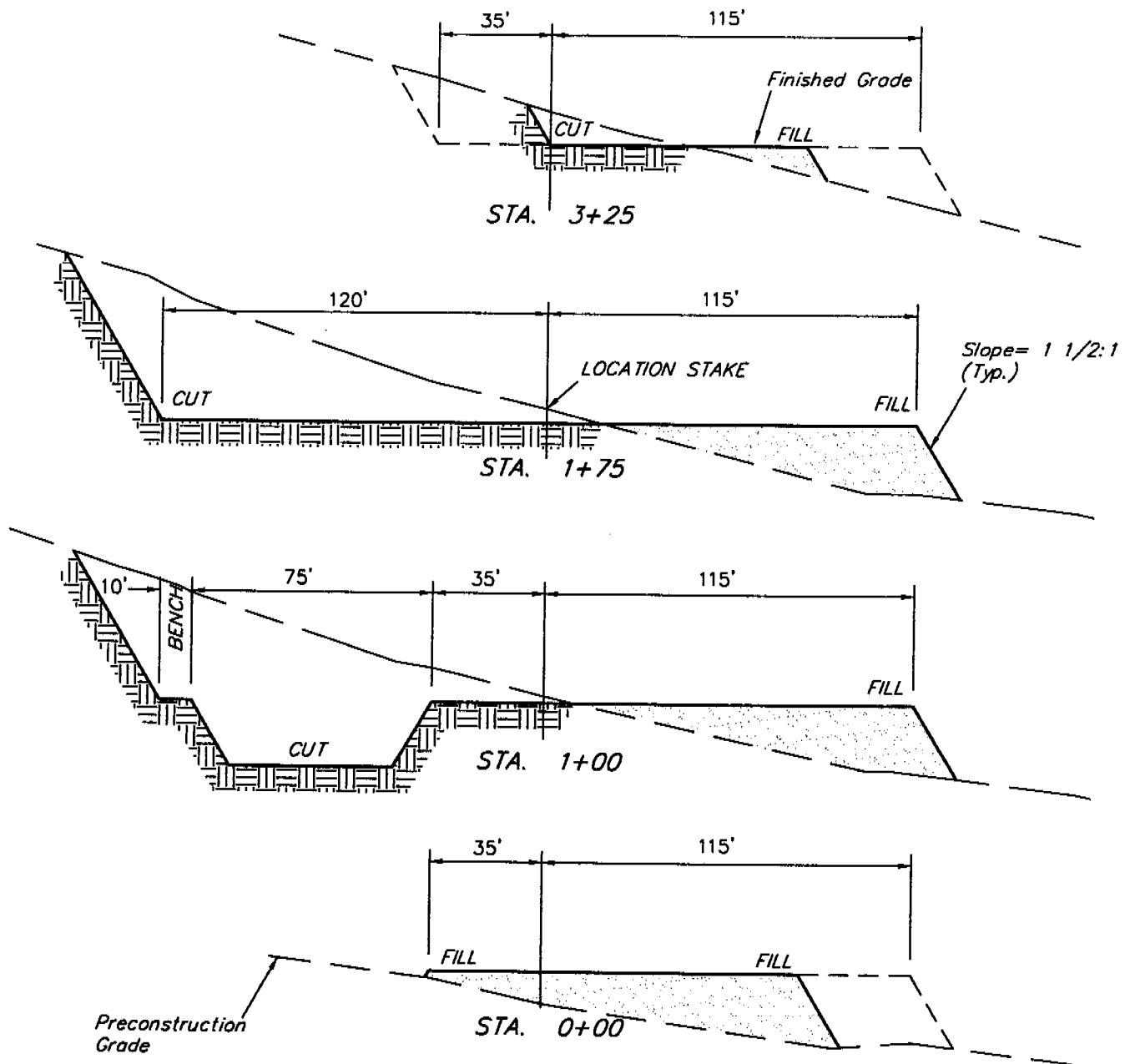
BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

PRICKLY PEAR UNIT #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1807' FNL 2144' FWL



DATE: 1-30-03
DRAWN BY: C.G.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,090 Cu. Yds.
Remaining Location	= 8,140 Cu. Yds.
TOTAL CUT	= 9,230 CU.YDS.
FILL	= 6,940 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,920 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,920 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

HIGHWAY 40 30.3 MI. +/-
MYTON 31.8 MI. +/-

R
15
E

R
16
E

PROPOSED LOCATION:
PRICKLY PEAR UNIT #36-06

EXIST. ROAD NEEDS
UPGRADED 3.6 MI. +/-

SEE
TOPO "B"

T12S
T13S

0.5 MI. +/-

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1807' FNL 2144' FWL

LEGEND:

○ PROPOSED LOCATION



U
E
L
S

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

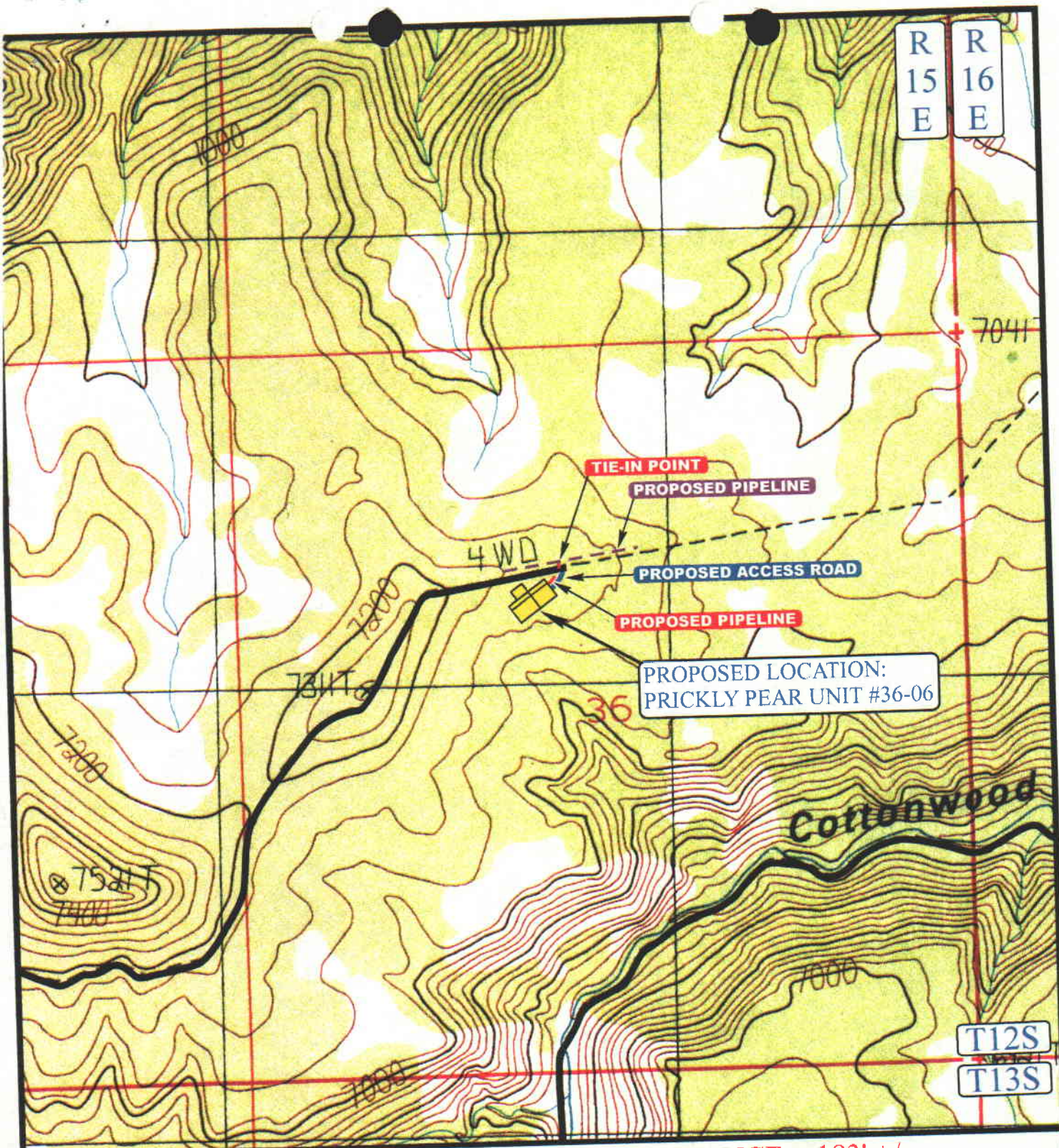
TOPOGRAPHIC
MAP

1	29	03
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: JLG REVISED: 00-00-00

A
TOPO

B
TOPIC



APPROXIMATE TOTAL PIPELINE DISTANCE = 183' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS



BILL BARRETT CORPORATION

PRICKLY PEAR UNIT #36-06
SECTION 36, T12S, R15E, S.L.B.&M.
1807' FNL 2144' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

1 30 03
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

April 17, 2003

Memorandum

To: Assistant District Manager Minerals, Moab District
From: Michael Coulthard, Petroleum Engineer
Subject: 2003 Plan of Development Prickly Pear Unit
Carbon County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 2003 within the Prickly Pear Unit, Carbon County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Mancos)		
43-007-30528	Prickly Pear Unit State 36-06 Sec. 36 T12S R15E 1807 FNL 2144 FWL	

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Prickly Pear Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-17-03

RECEIVED
APR 21 2003
DIV. OF OIL, GAS & MINING

023

BILL BARRETT CORPORATION1099 18th Street, Suite 2300

Denver CO 80202

Main: (303) 293-9100

Fax: (303) 291-0420

FACSIMILE TRANSMISSION COVER SHEET**DATE:** April 21, 2003**FROM:** **Name:** Debbie Stanberry
Phone: (303) 312-8120
Fax: (303) 291-0420**TO:** **Name:** Dustin Doucet
Company: Utah Division of Oil, Gas and Mining
Phone: (801) 538-5281
Fax: (801) 359-3940**NUMBER OF PAGES (including cover sheet)** 3

MESSAGE: MR. DOUCET: ATTACHED PLEASE FIND A SUNDRY NOTICE VERIFYING THAT BBC WILL BE USING A 5000# BOP SYSTEM FOR THE PRICKLY PEAR UNIT STATE #36-06 WELL THAT YOU CALLED ABOUT ON THURSDAY, APRIL 17. I WILL SEND AN ORIGINAL HARD COPY OF THIS SUNDRY IN TODAY'S MAIL FOR YOUR RECORDS. PLEASE CONTACT ME AT (303) 312-8120 IF YOU NEED ANYTHING FURTHER.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone. Thank you.

RECEIVED

APR 21 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING**CONFIDENTIAL**

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 City Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: PRICKLY PEAR UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1807' FNL x 2144' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E S		8. WELL NAME and NUMBER: Prickly Pear Unit State #36-06
PHONE NUMBER: (303) 312-8120		9. API NUMBER: 4300730528
		10. FIELD AND POOL, OR WILDCAT: Prickly Pear/Mancos

COUNTY: CARBON

STATE: UTAH

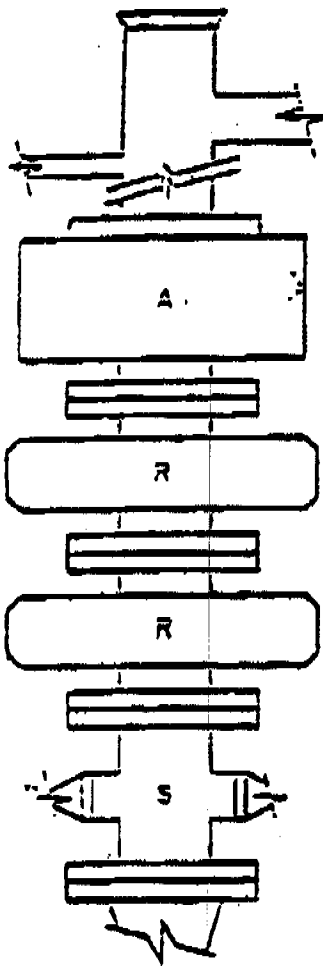
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS SUNDRY IS BEING PROVIDED TO VERIFY THAT THE TOTAL DEPTH PLANNED FOR THIS WELL IS NOW 10,000'. DUE TO THIS DEPTH, A 5000# BOP SYSTEM WILL BE UTILIZED, SCHEMATIC ATTACHED.

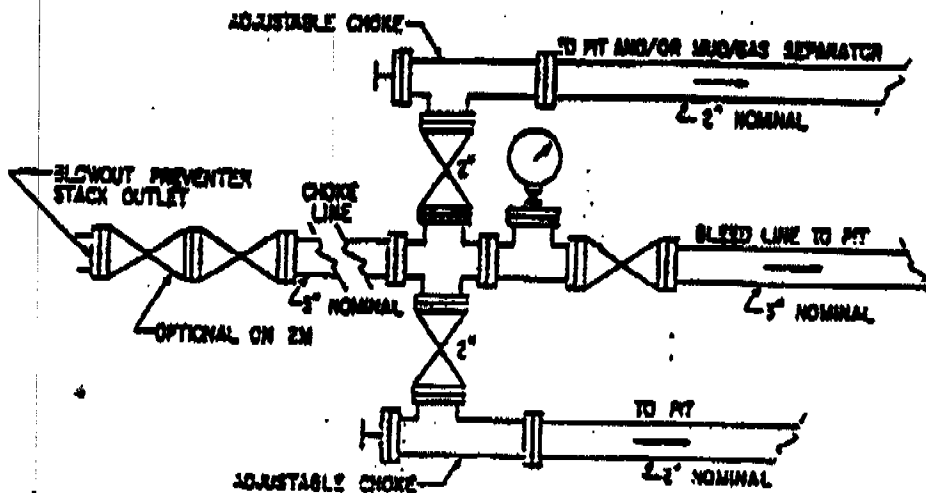
NAME (PLEASE PRINT) Debra K. Stanberry TITLE Permit Specialist
SIGNATURE  DATE 4/21/2003

(This space for State use only)



**BOP Schematic-5000PSI Working Pressure
Arrangement SRRA**

**Choke Manifold Schematic
5000 PSI Working Pressure**





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

April 22, 2003
Amended

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

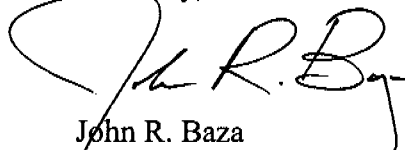
Re: Prickly Pear Unit State #36-06 Well, 1807' FNL, 2144' FWL, SE NW, Sec. 36,
T. 12 South, R. 15 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30528.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

cc: Carbon County Assessor
SITLA
Bureau of Land Management, Moab Field Office

Operator: Bill Barrett Corporation
Well Name & Number Prickly Pear Unit State #36-06
API Number: 43-007-30528
Lease: ML-46710

Location: SE NW Sec. 36 T. 12 South R. 15 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

BILL BARRETT CORPORATION

1099 18th Street, Suite 2300

Denver CO 80202

Main: (303) 293-9100

Fax: (303) 291-0420

FACSIMILE TRANSMISSION COVER SHEET

DATE: April 21, 2003

FROM: **Name:** Debbie Stanberry
Phone: (303) 312-8120
Fax: (303) 291-0420

TO: **Name:** Dustin Doucet
Company: Utah Division of Oil, Gas and Mining
Phone: (801) 538-5281
Fax: (801) 359-3940

NUMBER OF PAGES (including cover sheet) 3

MESSAGE: MR. DOUCET: ATTACHED PLEASE FIND A SUNDRY NOTICE VERIFYING THAT BBC WILL BE USING A 5000# BOP SYSTEM FOR THE PRICKLY PEAR UNIT STATE #36-06 WELL THAT YOU CALLED ABOUT ON THURSDAY, APRIL 17. I WILL SEND AN ORIGINAL HARD COPY OF THIS SUNDRY IN TODAY'S MAIL FOR YOUR RECORDS. PLEASE CONTACT ME AT (303) 312-8120 IF YOU NEED ANYTHING FURTHER.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone. Thank you.

RECEIVED

APR 23 2003

DIV. OF OIL, GAS & MINING

028

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: PRICKLY PEAR UNIT
PHONE NUMBER: (303) 312-8120		8. WELL NAME and NUMBER: Prickly Pear Unit State #36-06
10. FIELD AND POOL, OR WILDCAT: Prickly Pear/Mancos		9. API NUMBER: 4300730528

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1807' FNL x 2144' FWL

COUNTY: CARBON

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS SUNDRY IS BEING PROVIDED TO VERIFY THAT THE TOTAL DEPTH PLANNED FOR THIS WELL IS NOW 10,000'. DUE TO THIS DEPTH, A 5000# BOP SYSTEM WILL BE UTILIZED, SCHEMATIC ATTACHED.

NAME (PLEASE PRINT)

Debra K. Stanberry

TITLE

Permit Specialist

SIGNATURE

DATE

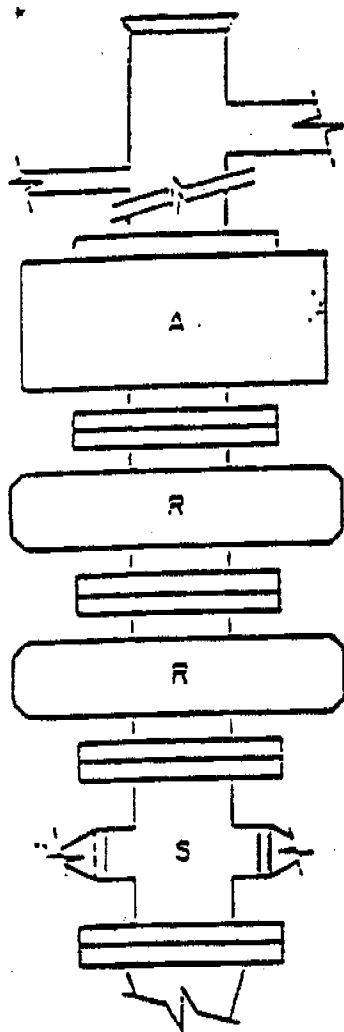
4/21/2003

(This space for State use only)

RECEIVED

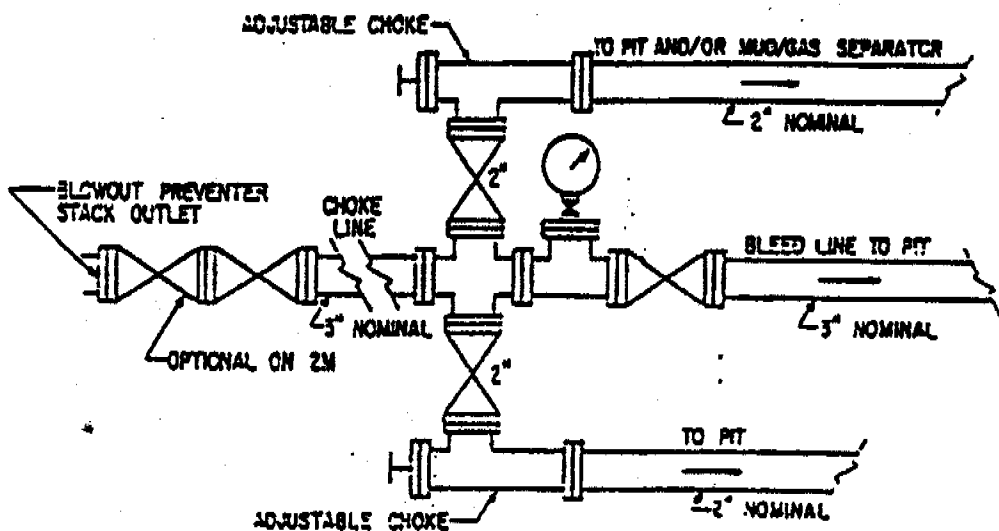
APR 23 2003

DIV. OF OIL, GAS & MINING



**BOP Schematic-5000PSI Working Pressure
Arrangement SRRA**

**Choke Manifold Schematic
5000 PSI Working Pressure**



027

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 36 12S 15E		9. API NUMBER: 4300730528
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Nine Mile Canyon
STATE: UTAH		

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BILL BARRETT CORPORATION REQUESTS APPROVAL TO MAKE THE FOLLOWING CHANGE REGARDING THIS PROPOSED WELL. BBC SUBMITTED A SUNDRY NOTICE DATED APRIL 21, 2003 FOR A 5000# BOP SYSTEM. UPON FURTHER EVALUATION, BBC NOW REQUESTS THAT A 3000 PSI BOP BE USED IN A 3000 PSI CONFIGURATION BASED ON THE FOLLOWING CALCULATIONS:

(TOTAL DEPTH 10,000')

BHP ESTIMATE: $10,000 \times .33 \text{ PSI/FT} = 3300 \text{ PSI AT BH DEPTH}$

MASP ESTIMATE: REDUCE BHP BY PARTIALLY EVACUATED PIPE

$3300 - (.22 \text{ PSI/FT} \times 10,000) = 1100 \text{ PSI}$

A 3000# BOP SCHEMATIC IS ATTACHED

RECEIVED**MAY 16 2003**

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 5-19-03

Initials: LHP

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Permit Specialist

SIGNATURE

DATE 5/14/2003

(This space for State use only)
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5/19/03

BY: Debra K. Stanberry

(See Instructions on Reverse Side)

(5/2000)

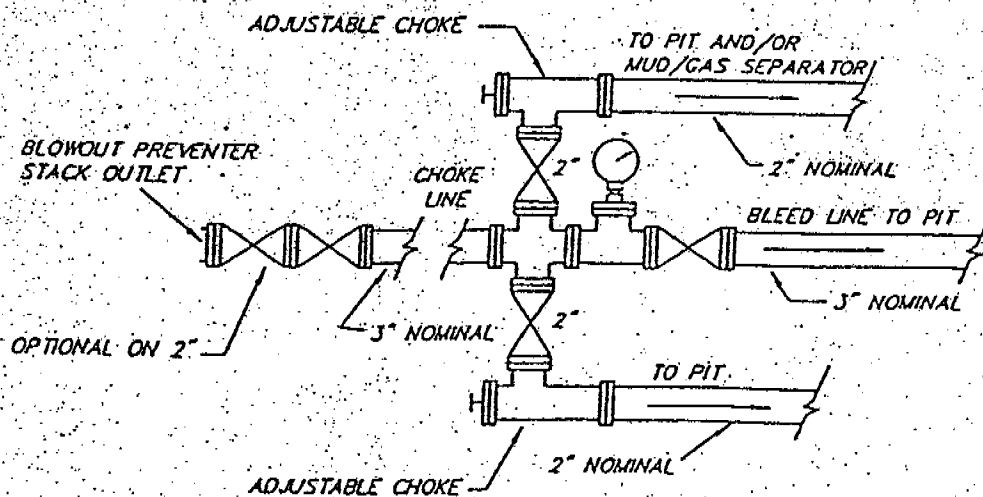
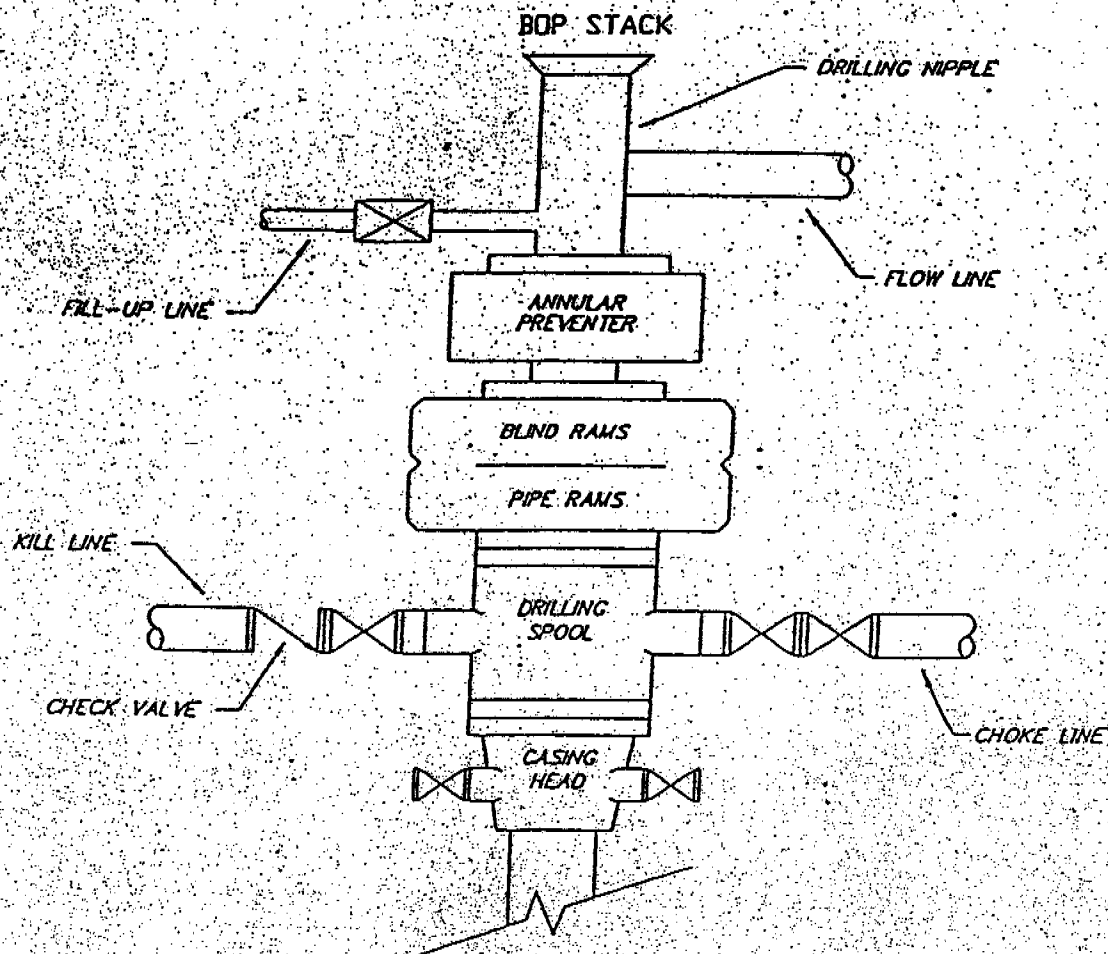
9ppg equiv. BHP = 4650

 $(0.22)(10000) = 2200$

MASP = 2450 psi

3m Adequate for underpressure & formations for partially evc. hole

**TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC**



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

029

SUNDRY NOTICES AND REPORTS ON WELLS

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PHONE NUMBER: (303) 312-8120		9. API NUMBER: 4300730528
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Nine Mile Canyon

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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: request for one-year renewal of APD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BILL BARRETT CORPORATION REQUESTS THAT THE APPROVED APPLICATION TO DRILL THIS WELL BE EXTENDED FOR ONE (1) YEAR.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-31-03
By: [Signature]

RECEIVED

DEC 22 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Permit Specialist

SIGNATURE [Signature]

DATE 12/19/2003

(This space for State use only)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-007-30528
Well Name: PRICKLY PEAR UNIT STATE #36-06
Location: SENW SEC 36-T12S-R15E, CARBON COUNTY, UT
Company Permit Issued to: BILL BARRETT CORPORATION
Date Original Permit Issued: 10/15/2001

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

12/19/2003

Date

Title: Permit Specialist

Representing: Bill Barrett Corporation

RECEIVED
DEC 29 2003
DIV. OF OIL, GAS & MINING



State of Utah

Department of
Natural ResourcesROBERT L. MORGAN
*Executive Director*Division of
Oil, Gas & MiningLOWELL P. BRAXTON
*Division Director*OLENE S. WALKER
*Governor*GAYLE F. McKEACHNIE
Lieutenant Governor

December 14, 2004

Tracey Fallang
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202Re: APD Rescinded – Prickly Pear U St 36-06 Sec. 36, T.12S, R. 15E
Carbon County, Utah API No. 43-007-30528

Dear Ms. Fallang:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 15, 2001. On December 9, 2002 and December 31, 2003 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 14, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

A handwritten signature in cursive script that reads "Diana Whitney".
Diana Whitney
Engineering Techniciancc: Well File
SITLA, Ed Bonner